

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
 Data File : BF116110.D
 Acq On : 9 Aug 2019 13:52
 Operator : HP/JU
 Sample : K4219-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 10 02:12:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	124208	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	488987	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	266024	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	481913	20.00	ng	0.00
76) Chrysene-d12	14.00	240	351160	20.00	ng	0.00
87) Perylene-d12	15.46	264	301577	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	929576	125.29	ng	0.00
7) Phenol-d6	6.49	99	1220652	130.40	ng	0.00
23) Nitrobenzene-d5	7.40	82	766559	90.49	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	344864	133.71	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1167550	82.21	ng	-0.01
79) Terphenyl-d14	12.94	244	1473449	88.42	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.63	88	119000	31.748	ng	98
3) Pyridine	3.40	79	306453	29.268	ng	99
4) n-Nitrosodimethylamine	3.33	42	143508	34.730	ng	100
6) Aniline	6.50	93	338101	25.220	ng	# 85
8) 2-Chlorophenol	6.63	128	335198	40.855	ng	96
9) Benzaldehyde	6.39	77	171314	26.523	ng	99
10) Phenol	6.50	94	505969	45.899	ng	91
11) bis(2-Chloroethyl)ether	6.57	93	325523	40.165	ng	99
12) 1,3-Dichlorobenzene	6.78	146	355380	37.480	ng	99
13) 1,4-Dichlorobenzene	6.86	146	362685	38.202	ng	98
14) 1,2-Dichlorobenzene	7.01	146	338296	38.698	ng	100
15) Benzyl Alcohol	6.99	79	285333	40.165	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	421745	38.151	ng	89
17) 2-Methylphenol	7.10	107	282518	40.667	ng	99
18) Hexachloroethane	7.35	117	131489	37.617	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	232361	40.056	ng	97
20) 3+4-Methylphenols	7.25	107	350873	42.679	ng	91
22) Acetophenone	7.25	105	459377	42.836	ng	# 98
24) Nitrobenzene	7.42	77	370202	40.473	ng	99
25) Isophorone	7.66	82	681951	42.100	ng	99
26) 2-Nitrophenol	7.74	139	187318	43.444	ng	96
27) 2,4-Dimethylphenol	7.77	122	310764	47.906	ng	100
28) bis(2-Chloroethoxy)methane	7.86	93	414809	41.316	ng	99
29) 2,4-Dichlorophenol	7.99	162	300511	43.875	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	313549	40.160	ng	99
31) Naphthalene	8.14	128	969000	42.111	ng	100
32) Benzoic acid	7.89	122	26935	5.889	ng	91
33) 4-Chloroaniline	8.19	127	179137	17.423	ng	97
34) Hexachlorobutadiene	8.26	225	174498	38.802	ng	99
35) Caprolactam	8.56	113	39923	18.022	ng	97
36) 4-Chloro-3-methylphenol	8.68	107	315312	44.251	ng	99
37) 2-Methylnaphthalene	8.83	142	653085	43.095	ng	99
38) 1-Methylnaphthalene	8.93	142	609809	42.535	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	299956	42.177	ng	99

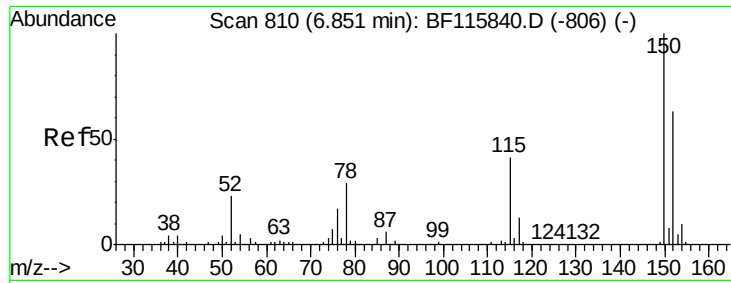
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	178151	57.590	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	194055	39.642	ng	100
44) 2,4,5-Trichlorophenol	9.16	196	209482	41.398	ng	98
46) 1,1'-Biphenyl	9.29	154	803691	42.792	ng	99
47) 2-Chloronaphthalene	9.32	162	635542	40.658	ng	99
48) 2-Nitroaniline	9.42	65	210407	40.723	ng	99
49) Acenaphthylene	9.73	152	980941	43.014	ng	99
50) Dimethylphthalate	9.59	163	833017	45.989	ng	100
51) 2,6-Dinitrotoluene	9.66	165	172851	43.912	ng	99
52) Acenaphthene	9.91	154	575783	41.155	ng	99
53) 3-Nitroaniline	9.83	138	126040	25.914	ng	96
54) 2,4-Dinitrophenol	9.95	184	73281	40.841	ng	99
55) Dibenzofuran	10.08	168	854341	41.991	ng	100
56) 4-Nitrophenol	10.01	139	248320	79.698	ng	93
57) 2,4-Dinitrotoluene	10.07	165	225234	42.976	ng	97
58) Fluorene	10.42	166	685255	43.776	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	176607	41.484	ng	99
60) Diethylphthalate	10.29	149	741201	43.829	ng	99
61) 4-Chlorophenyl-phenylether	10.41	204	347208	43.796	ng	98
62) 4-Nitroaniline	10.45	138	208864	41.553	ng	99
63) Azobenzene	10.57	77	760983	43.750	ng	97
65) 4,6-Dinitro-2-methylphenol	10.49	198	90500	35.437	ng	95
66) n-Nitrosodiphenylamine	10.53	169	619627	42.718	ng	100
67) 4-Bromophenyl-phenylether	10.90	248	214557	41.590	ng	96
68) Hexachlorobenzene	10.98	284	240631	40.338	ng	93
69) Atrazine	11.06	200	207446	43.472	ng	98
70) Pentachlorophenol	11.17	266	176673	61.002	ng	98
71) Phenanthrene	11.39	178	1045521	42.438	ng	99
72) Anthracene	11.44	178	1094661	43.904	ng	99
73) Carbazole	11.59	167	1017420	44.978	ng	99
74) Di-n-butylphthalate	11.92	149	1193921	45.245	ng	99
75) Fluoranthene	12.57	202	1145312	44.406	ng	98
77) Benzidine	12.69	184	459784	38.756	ng	98
78) Pyrene	12.80	202	1167090	44.089	ng	99
80) Butylbenzylphthalate	13.41	149	532298	47.538	ng	95
81) Benzo(a)anthracene	13.99	228	966231	43.049	ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	206530	26.486	ng	99
83) Chrysene	14.03	228	954289	43.794	ng	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	734940	50.508	ng	99
85) Di-n-octyl phthalate	14.58	149	1129231	48.859	ng	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	831297	45.422	ng	100
88) Benzo(b)fluoranthene	15.04	252	799994	45.878	ng	99
89) Benzo(k)fluoranthene	15.07	252	716989	42.215	ng	98
90) Benzo(a)pyrene	15.41	252	711355	45.635	ng	99
91) Dibenzo(a,h)anthracene	16.94	278	693484	51.396	ng	99
92) Benzo(g,h,i)perylene	17.39	276	723879	54.627	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

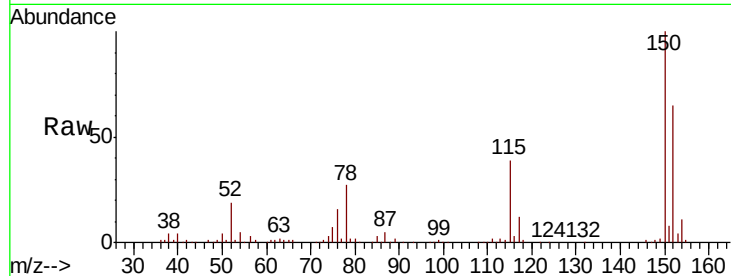


#1

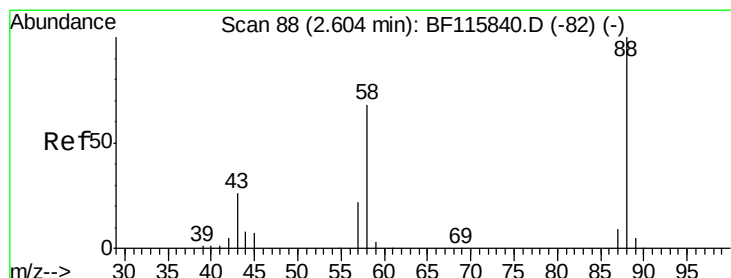
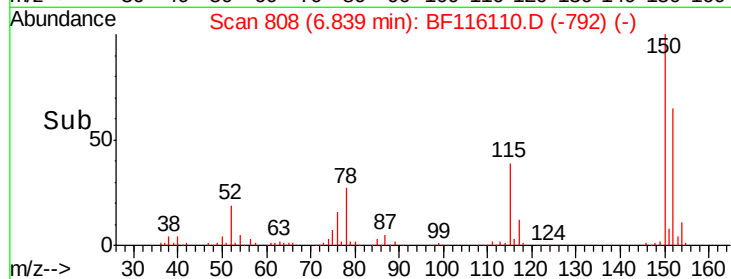
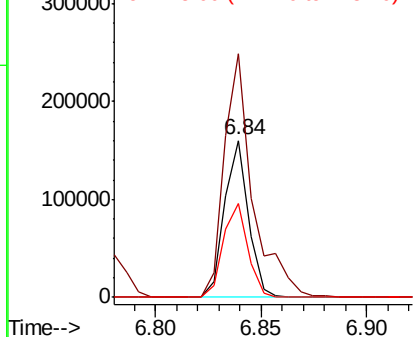
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 124208
Ion Ratio Lower Upper
152 100
150 155.0 126.2 189.2
115 59.9 49.9 74.9



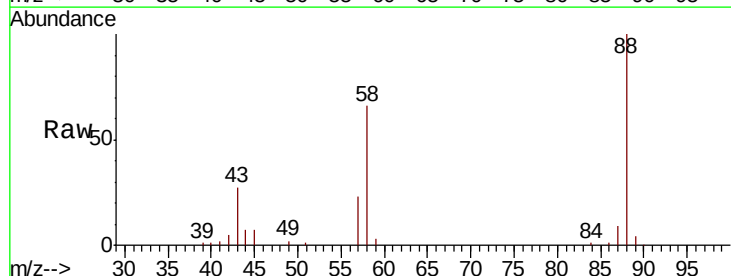
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



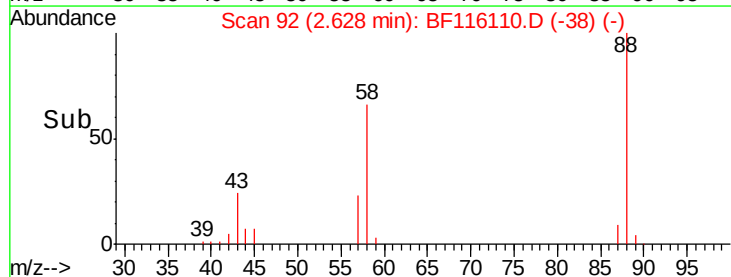
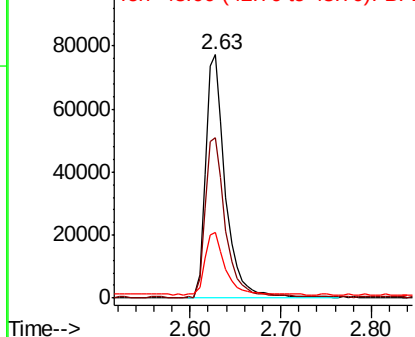
#2

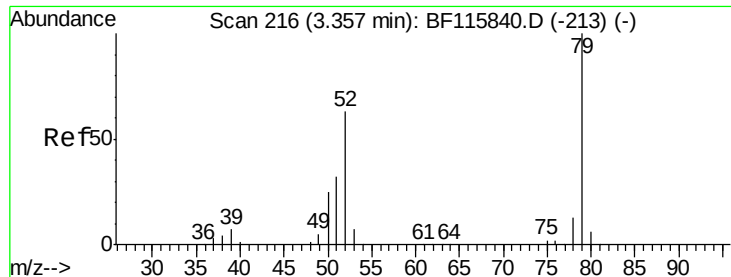
1,4-Dioxane
Concen: 31.748 ng
RT: 2.63 min Scan# 92
Delta R.T. 0.02 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion: 88 Resp: 119000
Ion Ratio Lower Upper
88 100
58 68.7 53.7 80.5
43 25.4 21.0 31.4



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 29.268 ng

RT: 3.40 min Scan# 223

Delta R.T. 0.04 min

Lab File: BF116110.D

Acq: 9 Aug 2019 13:52

Instrument :

BNA_F

ClientSampleId :

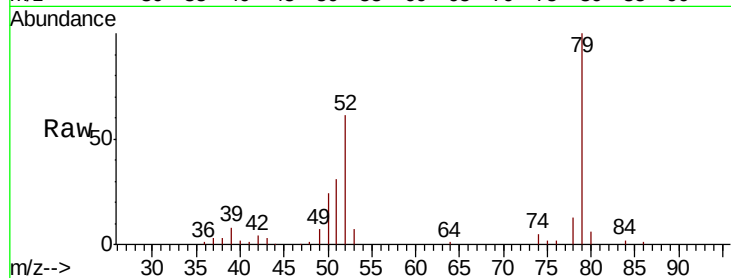
Tot Ion: 79 Resp: 306453

Ion Ratio Lower Upper

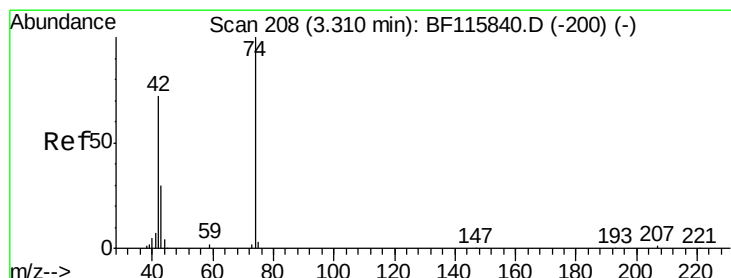
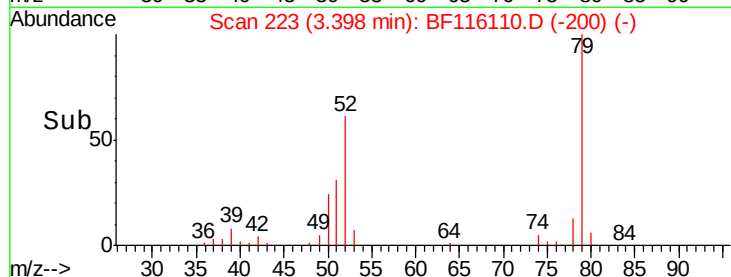
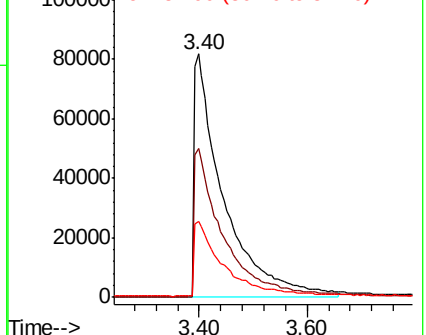
79 100

52 61.4 49.8 74.8

51 31.1 25.2 37.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 34.730 ng

RT: 3.33 min Scan# 211

Delta R.T. -0.01 min

Lab File: BF116110.D

Acq: 9 Aug 2019 13:52

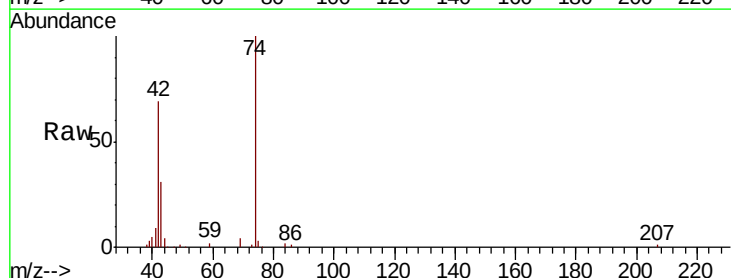
Tgt Ion: 42 Resp: 143508

Ion Ratio Lower Upper

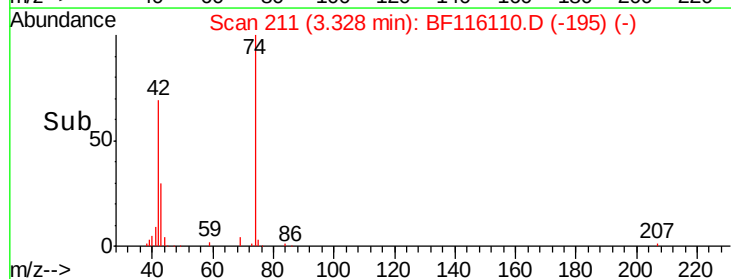
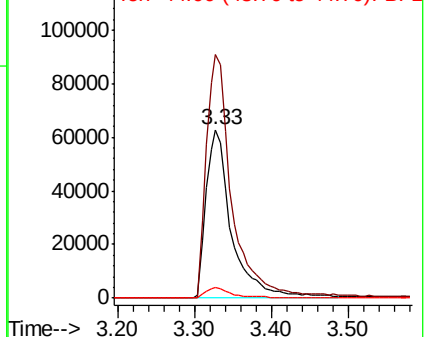
42 100

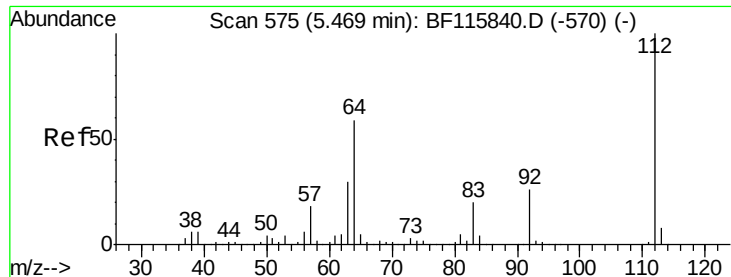
74 144.8 116.0 174.0

44 6.4 4.6 7.0



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 125.287 ng

RT: 5.47 min Scan# 575

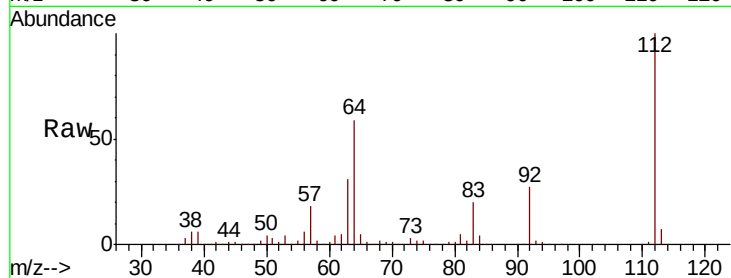
Delta R.T. -0.00 min

Lab File: BF116110.D

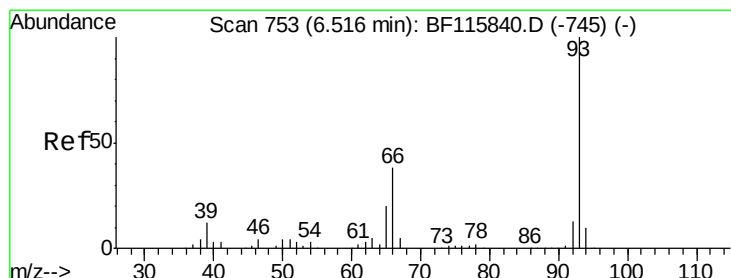
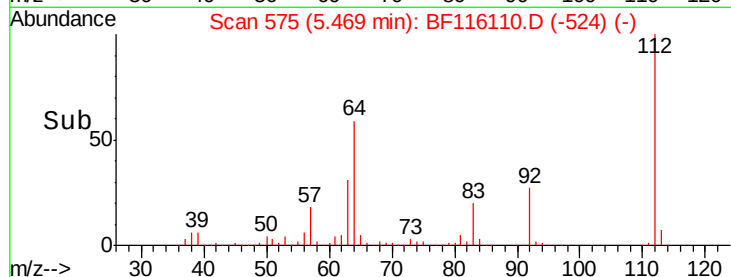
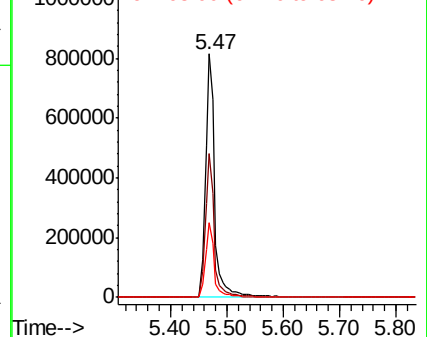
Acq: 9 Aug 2019 13:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	929576
Ion	Ratio	Lower	Upper
112	100		
64	59.1	45.4	68.2
63	30.8	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 25.220 ng

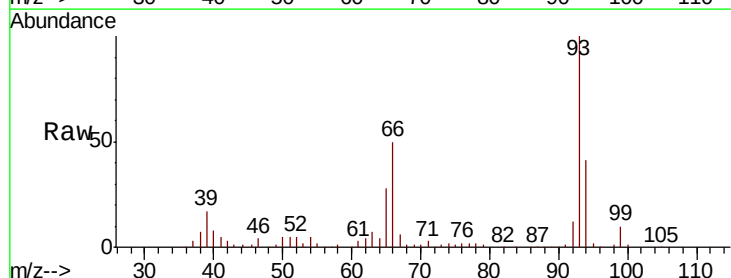
RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

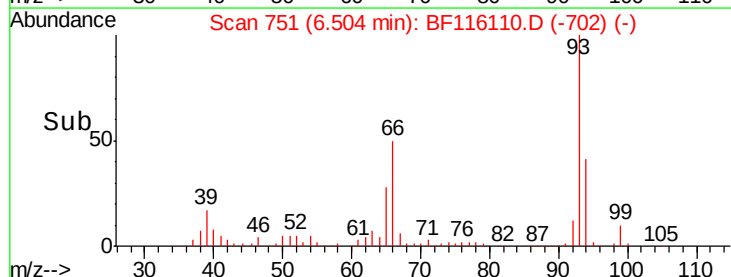
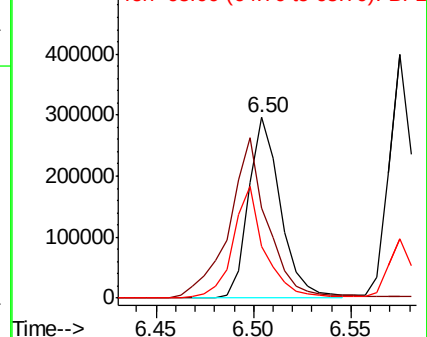
Lab File: BF116110.D

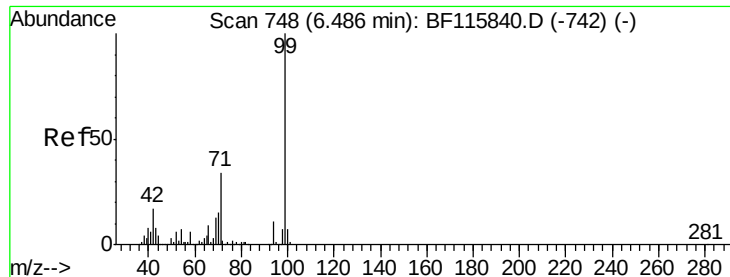
Acq: 9 Aug 2019 13:52

Tgt Ion:	93	Resp:	338101
Ion	Ratio	Lower	Upper
93	100		
66	50.0	32.2	48.4#
65	28.3	17.0	25.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 130.396 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF116110.D

Acq: 9 Aug 2019 13:52

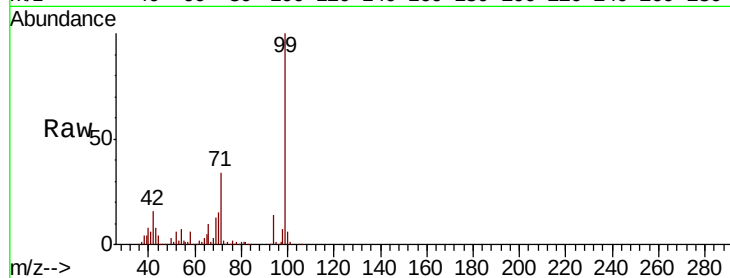
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1220652

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.8	20.8
71	33.9	27.3	40.9

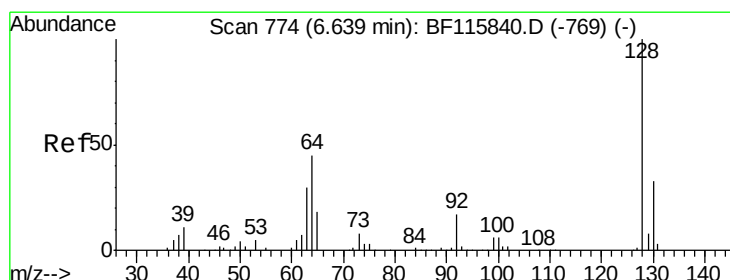
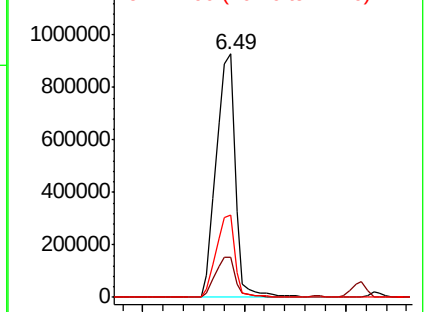
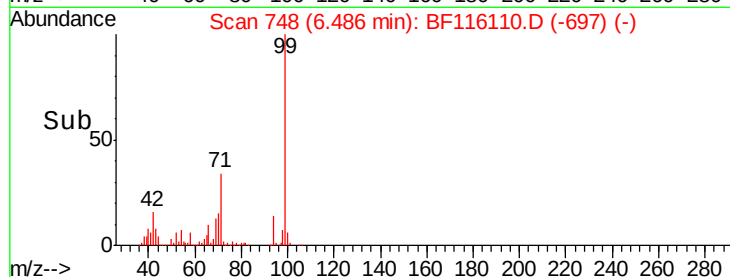


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.855 ng

RT: 6.63 min Scan# 772

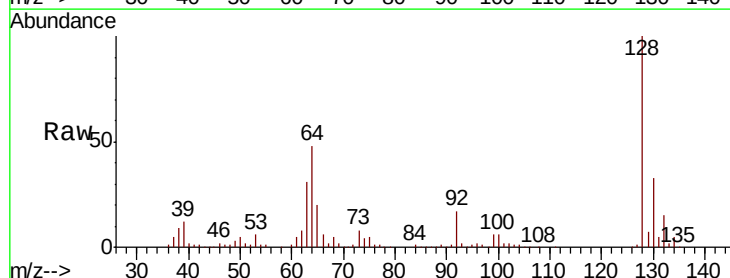
Delta R.T. -0.01 min

Lab File: BF116110.D

Acq: 9 Aug 2019 13:52

Tgt Ion: 128 Resp: 335198

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.9	52.9
64	48.4	24.3	64.3

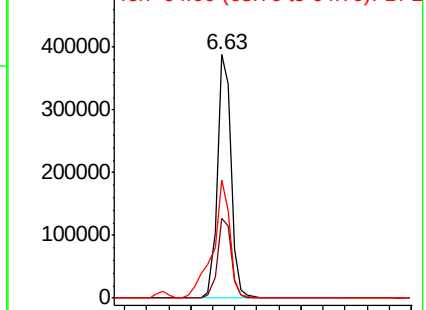
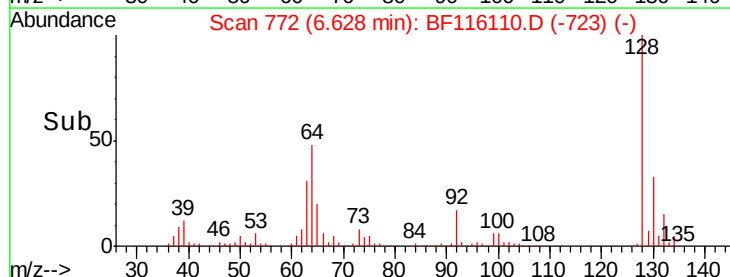


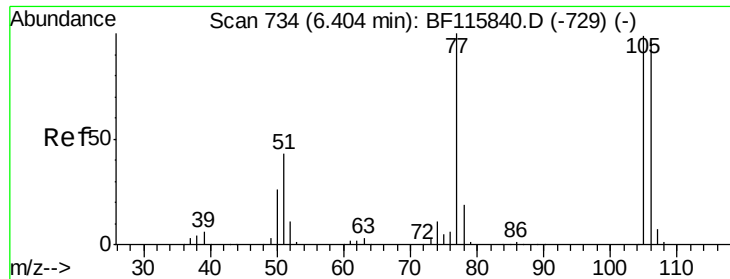
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 26.523 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF116110.D

Acq: 9 Aug 2019 13:52

Instrument :

BNA_F

ClientSampleId :

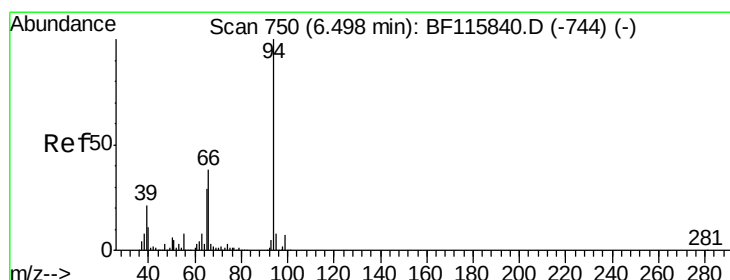
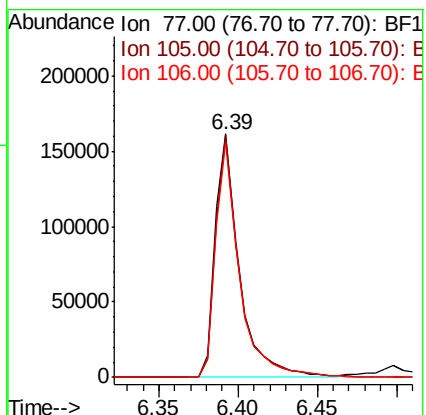
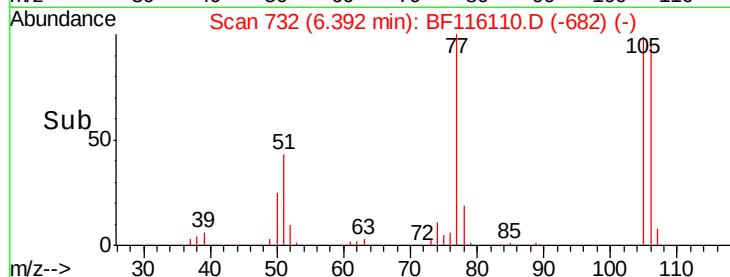
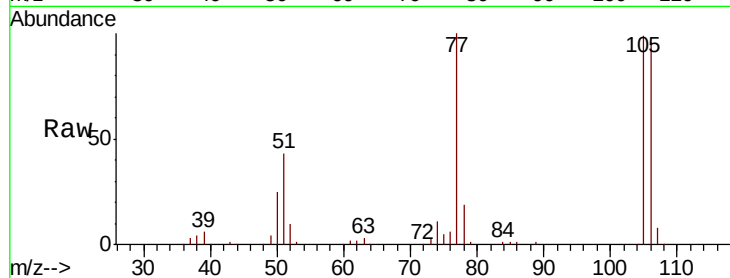
Tot Ion: 77 Resp: 171314

Ion Ratio Lower Upper

77 100

105 99.3 79.2 119.2

106 96.2 74.3 114.3



#10

Phenol

Concen: 45.899 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF116110.D

Acq: 9 Aug 2019 13:52

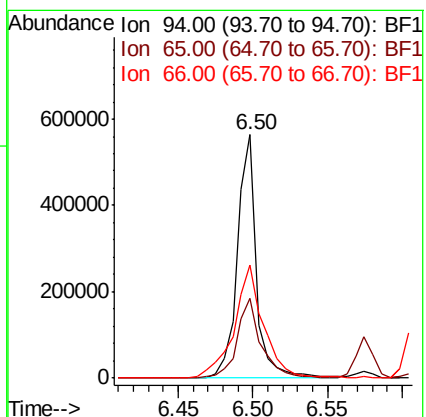
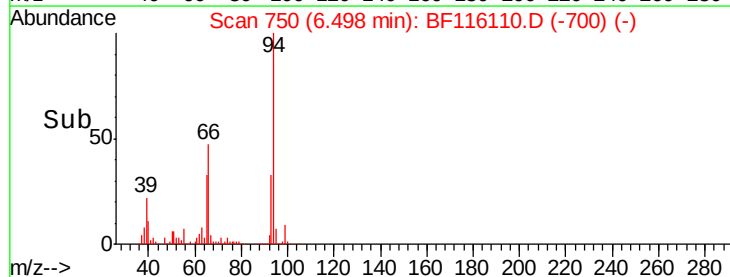
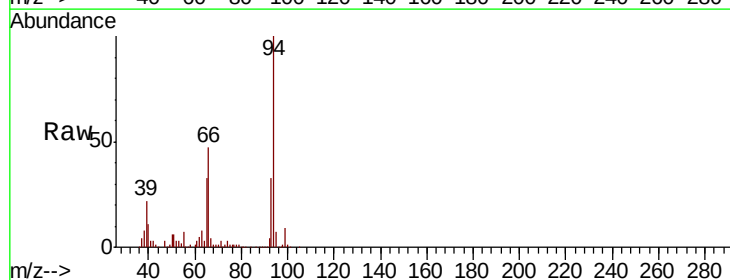
Tgt Ion: 94 Resp: 505969

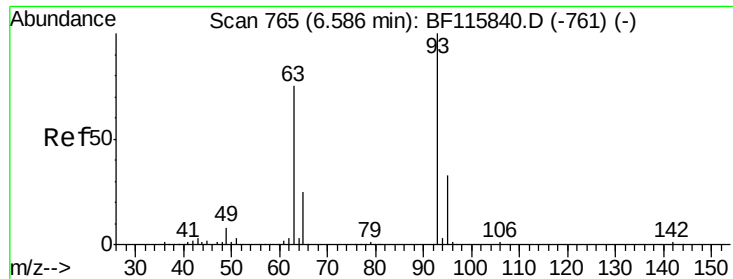
Ion Ratio Lower Upper

94 100

65 32.6 16.8 56.8

66 46.7 34.2 74.2

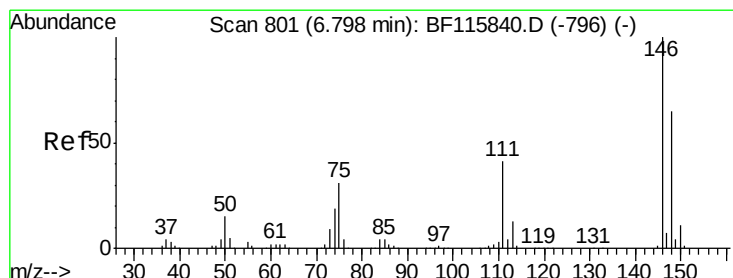
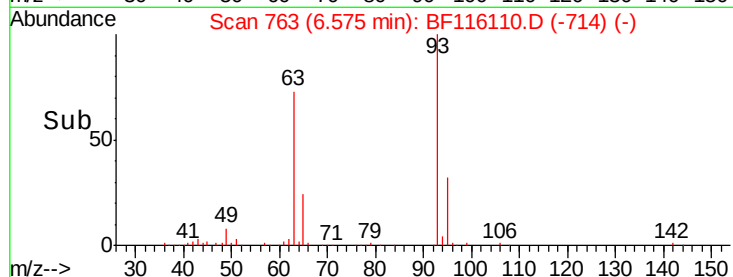
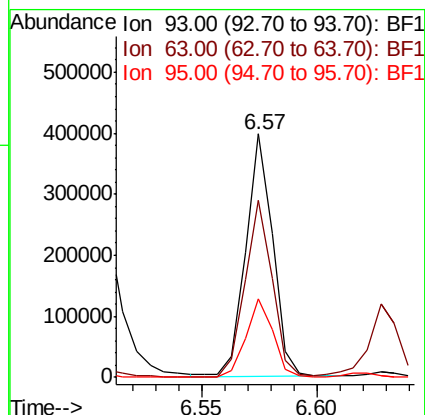
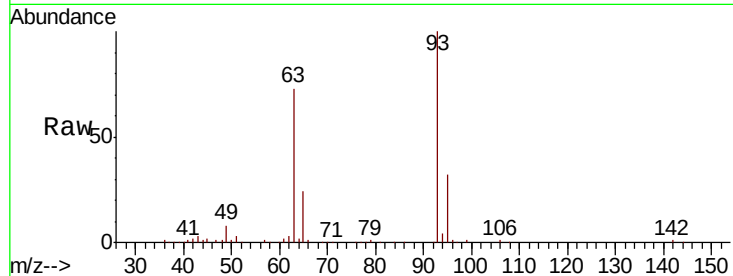




#11
bis(2-Chloroethyl)ether
Concen: 40.165 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

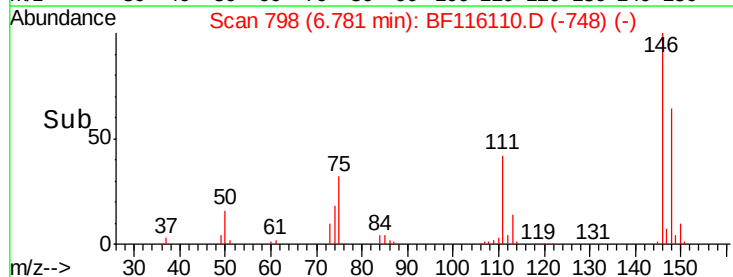
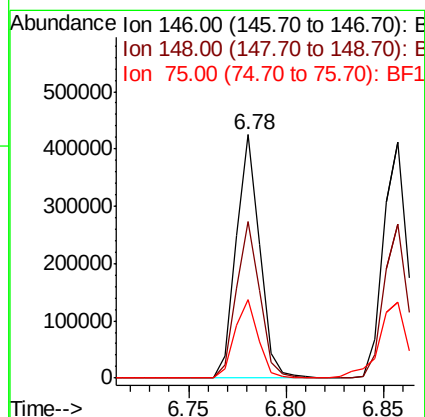
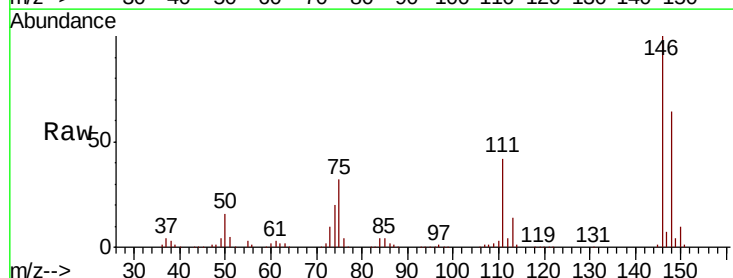
Instrument :
BNA_F
ClientSampleId :

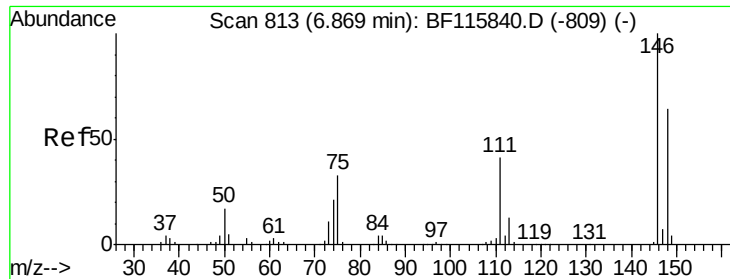
Tot Ion: 93 Resp: 325523
Ion Ratio Lower Upper
93 100
63 72.7 51.9 91.9
95 32.5 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 37.480 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion: 146 Resp: 355380
Ion Ratio Lower Upper
146 100
148 64.5 51.3 76.9
75 32.4 27.4 41.2

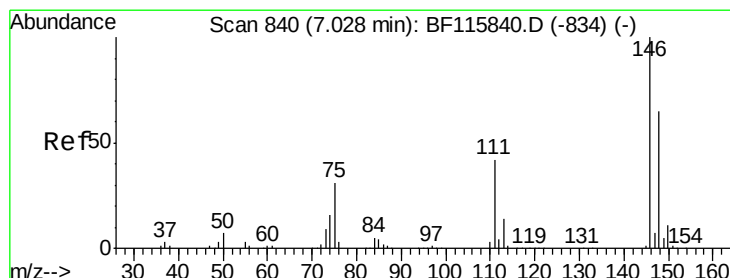
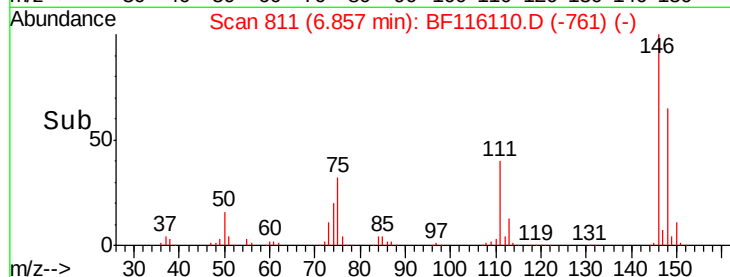
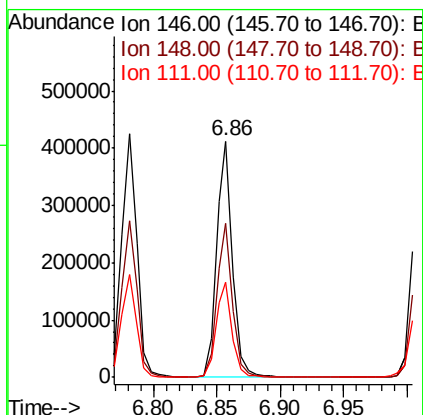
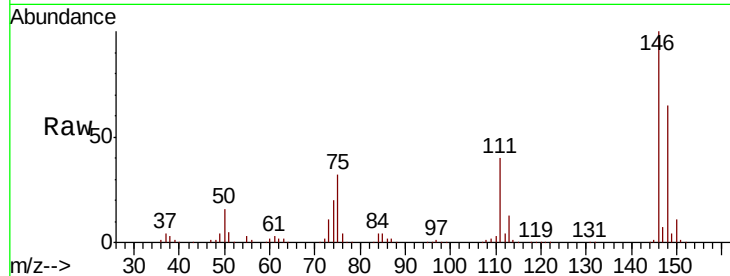




#13
 1,4-Dichlorobenzene
 Concen: 38.202 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF116110.D
 Acq: 9 Aug 2019 13:52

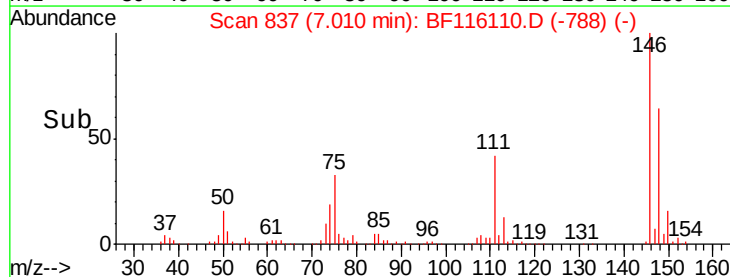
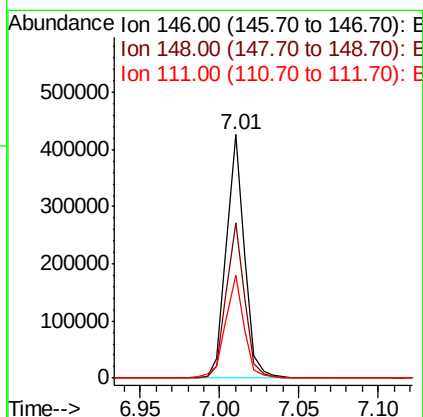
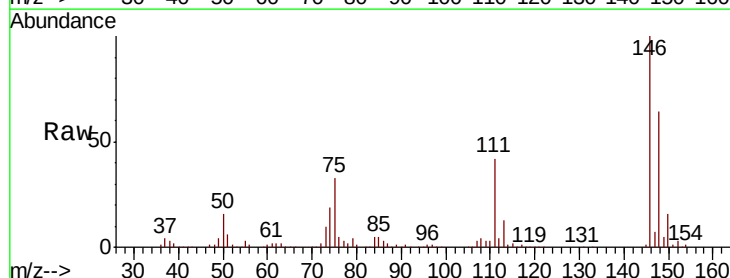
Instrument :
 BNA_F
 ClientSampleId :

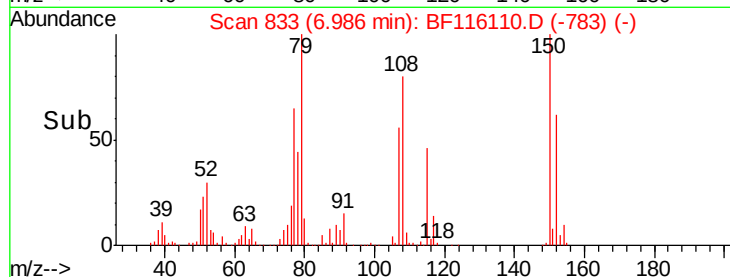
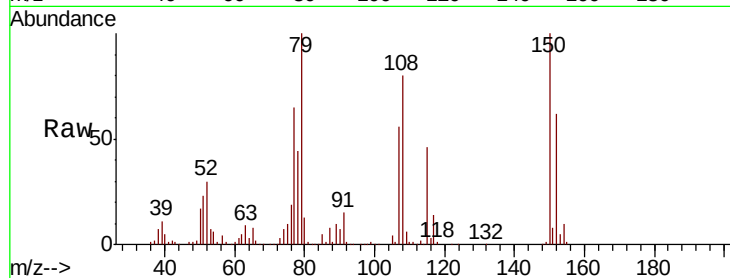
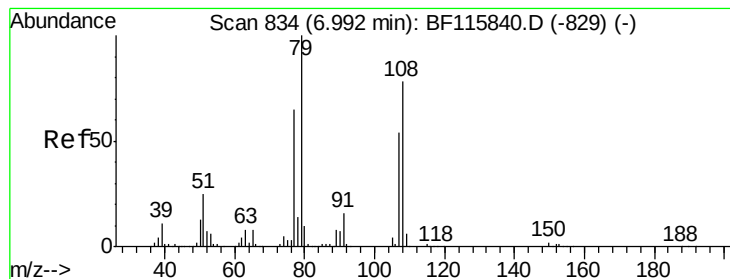
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.3	76.9
111	40.4	34.0	51.0



#14
 1,2-Dichlorobenzene
 Concen: 38.698 ng
 RT: 7.01 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF116110.D
 Acq: 9 Aug 2019 13:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.2	76.8
111	42.1	33.5	50.3





#15

Benzyl Alcohol

Concen: 40.165 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF116110.D

Acq: 9 Aug 2019 13:52

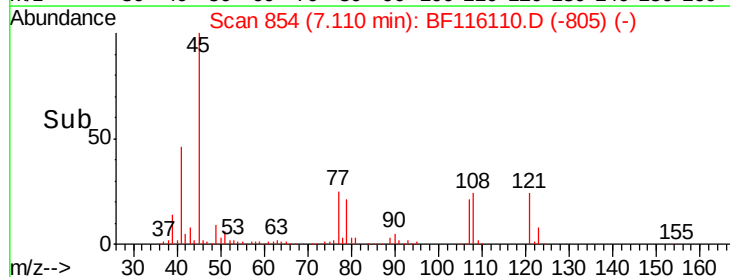
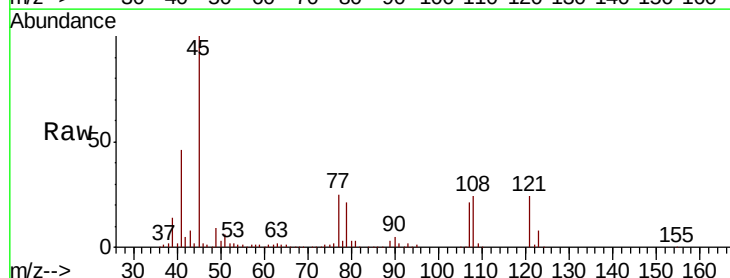
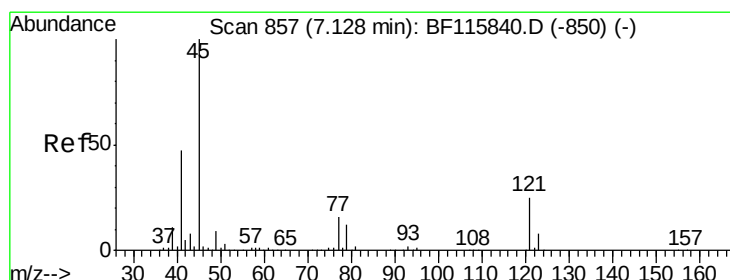
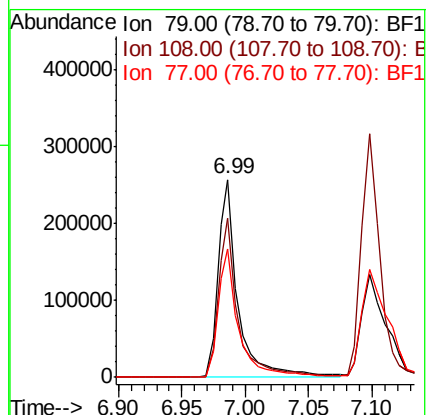
Tot Ion: 79 Resp: 285333

Ion Ratio Lower Upper

79 100

108 80.4 62.7 94.1

77 64.8 52.2 78.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.151 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF116110.D

Acq: 9 Aug 2019 13:52

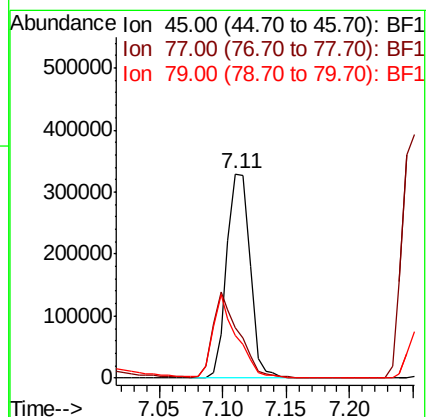
Tgt Ion: 45 Resp: 421745

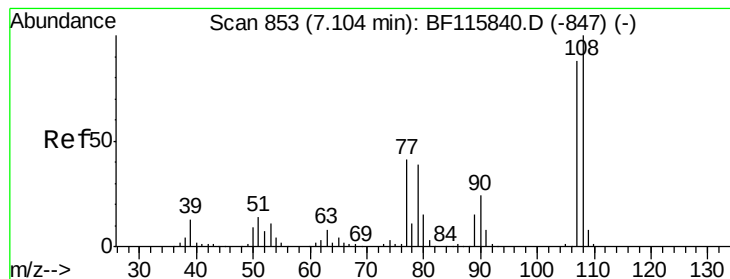
Ion Ratio Lower Upper

45 100

77 24.8 0.0 40.0

79 20.7 0.0 35.9





#17

2-Methylphenol

Concen: 40.667 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF116110.D

Acq: 9 Aug 2019 13:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 282518

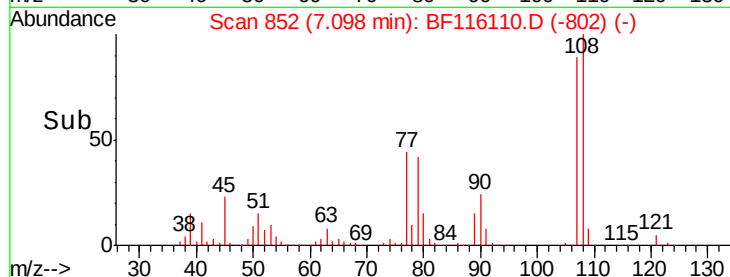
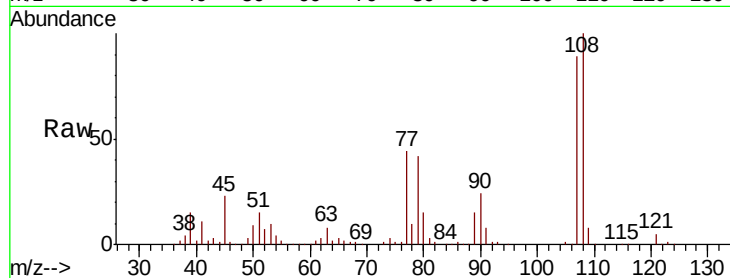
Ion Ratio Lower Upper

107 100

108 112.8 91.2 136.8

77 49.7 40.3 60.5

79 47.6 37.6 56.4

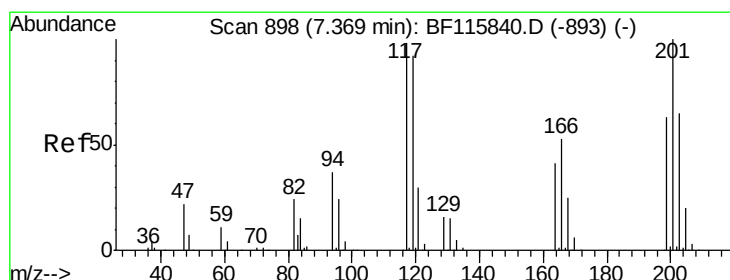
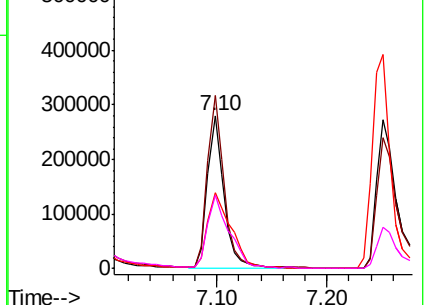


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 37.617 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF116110.D

Acq: 9 Aug 2019 13:52

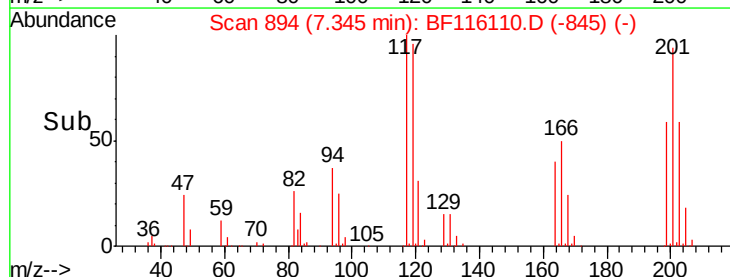
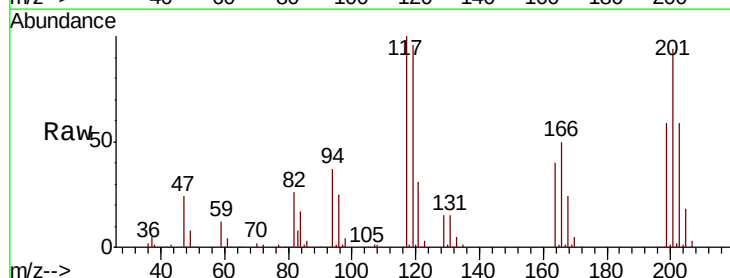
Tgt Ion:117 Resp: 131489

Ion Ratio Lower Upper

117 100

119 96.1 76.1 114.1

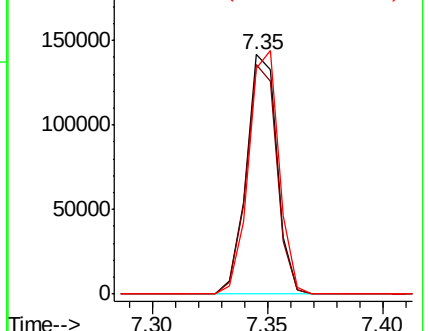
201 94.2 77.0 115.4

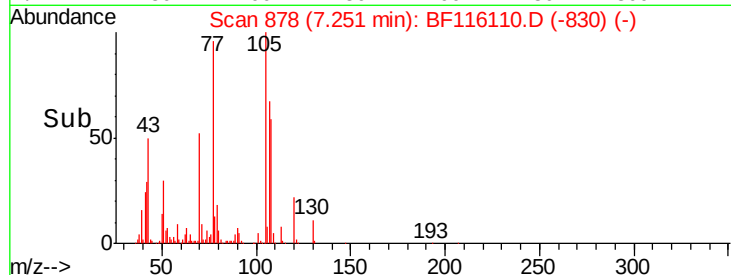
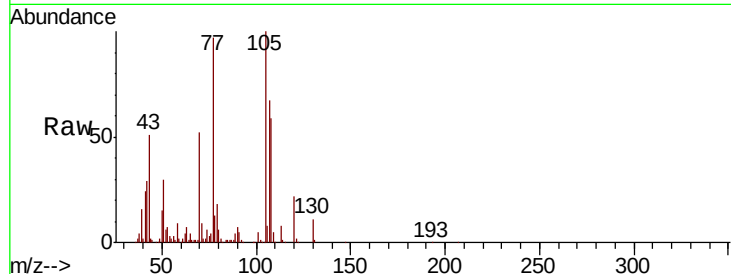
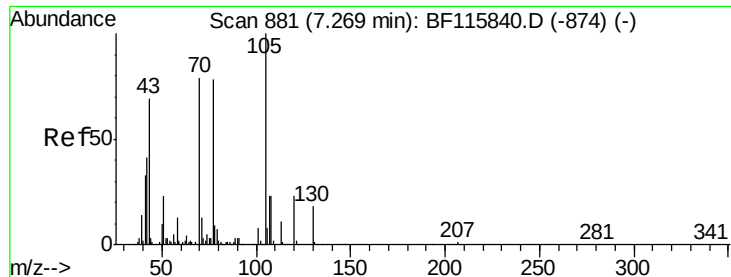


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

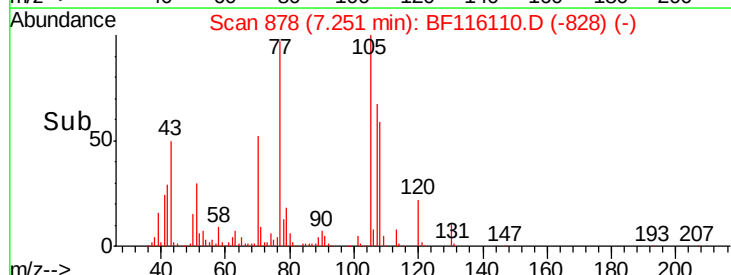
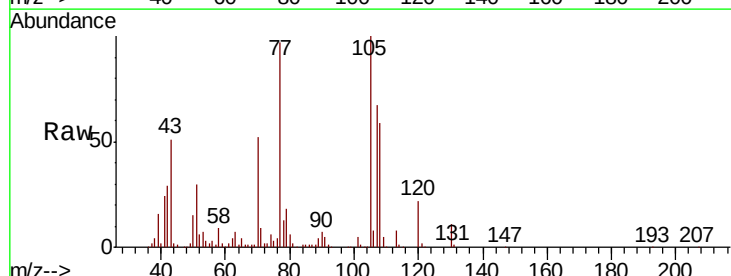
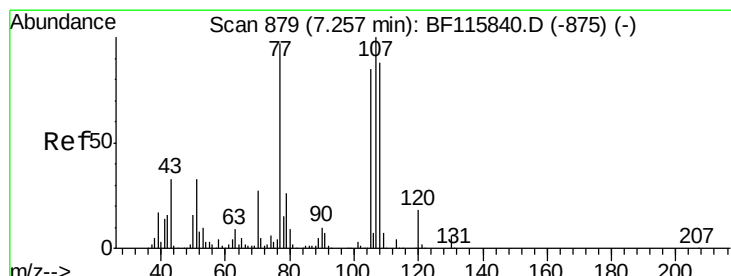
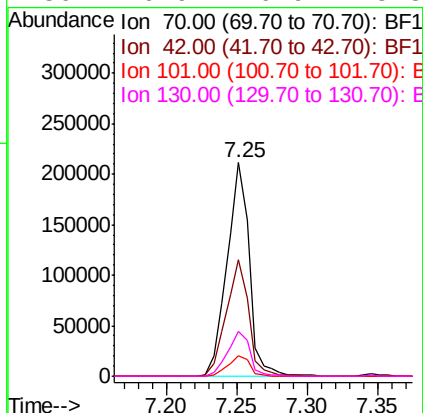




#19
n-Nitroso-di-n-propylamine
Concen: 40.056 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

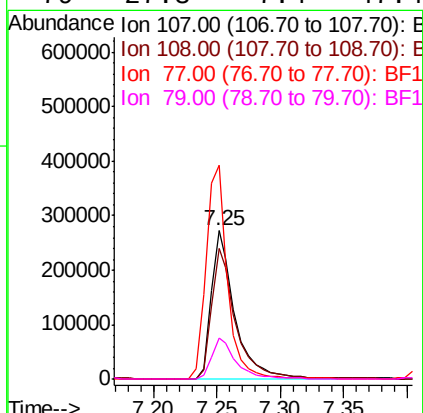
Instrument :
BNA_F
ClientSampleId :

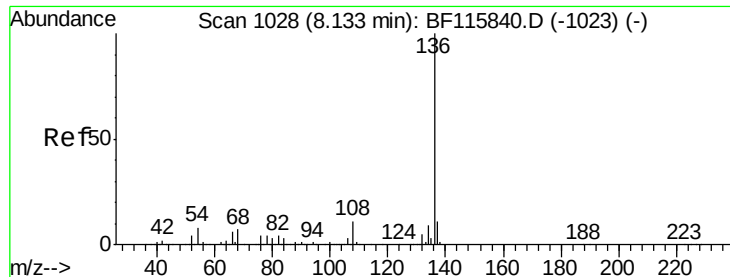
Tot Ion:	70	Resp:	232361
Ion	Ratio	Lower	Upper
70	100		
42	54.7	40.9	61.3
101	9.5	7.9	11.9
130	20.9	16.9	25.3



#20
3+4-Methylphenols
Concen: 42.679 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion:	107	Resp:	350873
Ion	Ratio	Lower	Upper
107	100		
108	87.8	67.6	107.6
77	144.2	104.4	144.4
79	27.3	7.4	47.4

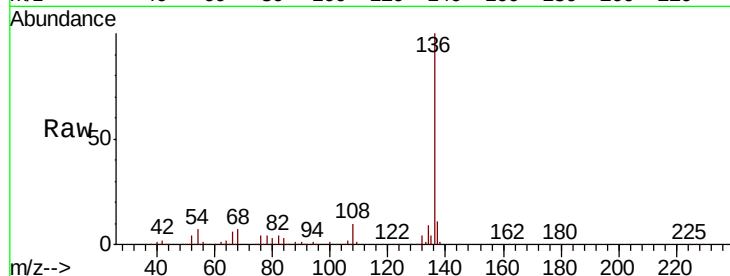




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	488987
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.0 13.4
54	7.3	5.8 8.6
68	6.7	5.2 7.8



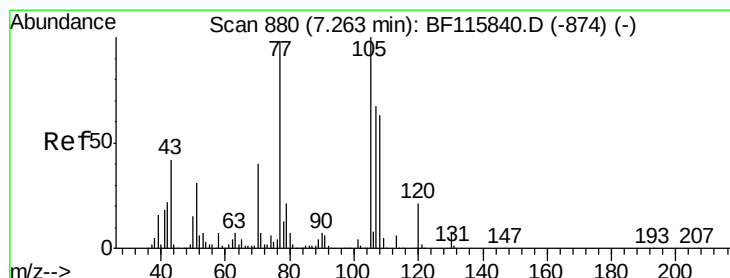
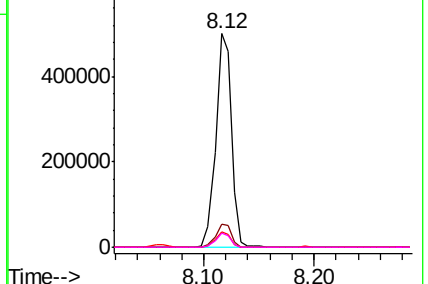
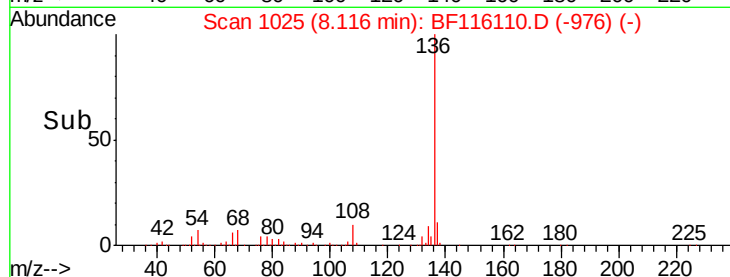
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

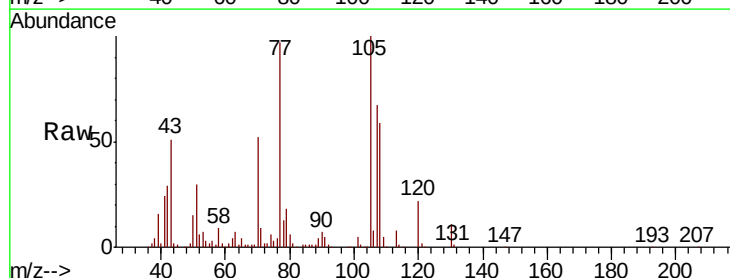
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 42.836 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion:105	Resp:	459377
Ion Ratio	Lower	Upper
105	100	
71	9.0	5.9 8.9#
51	30.1	25.3 37.9
120	22.3	17.9 26.9



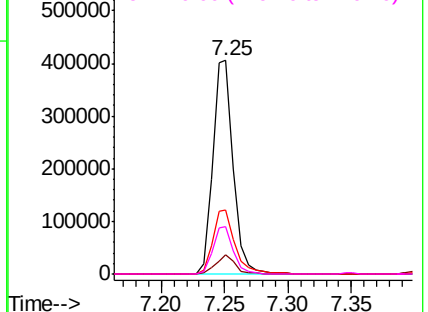
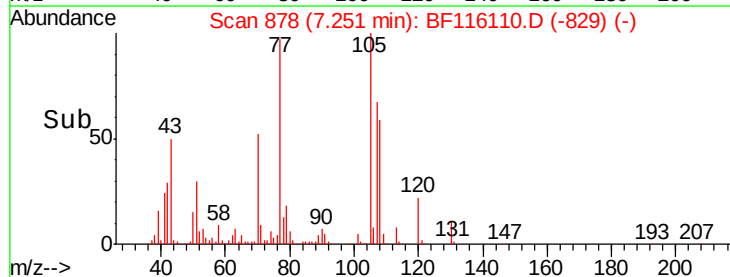
Abundance

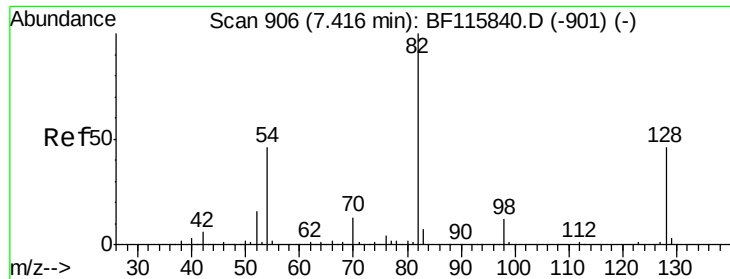
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

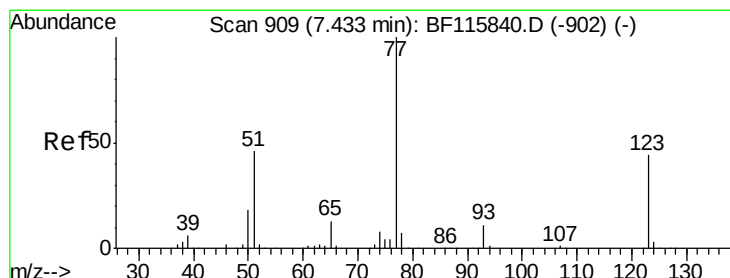
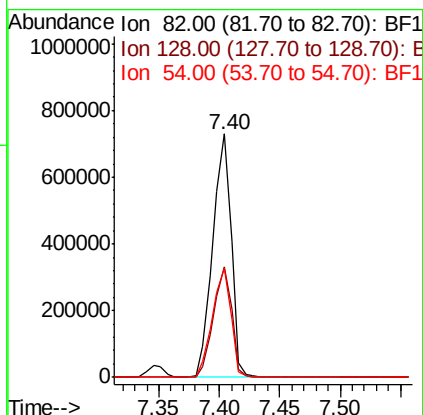
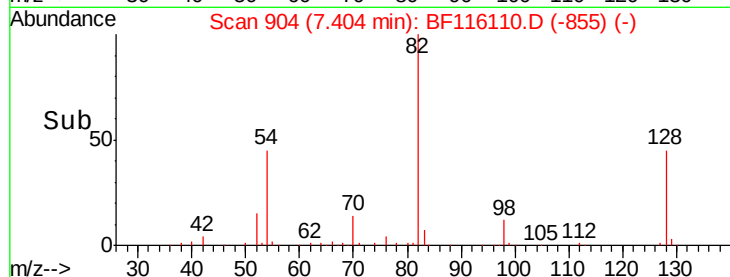
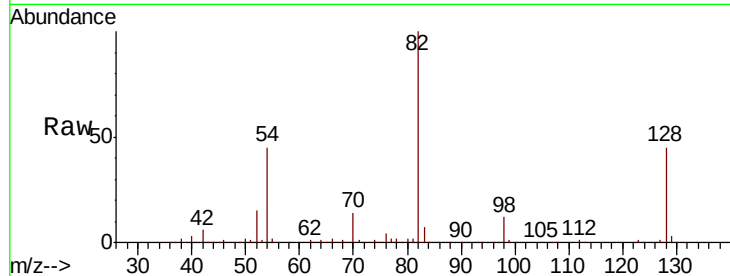




#23
Nitrobenzene-d5
Concen: 90.489 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

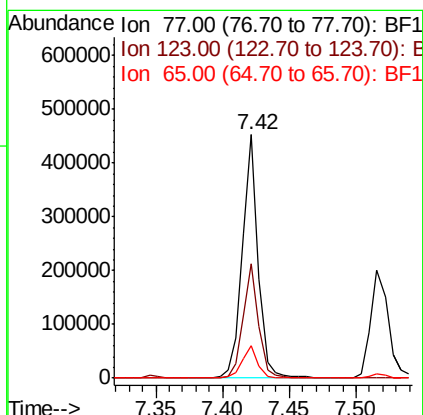
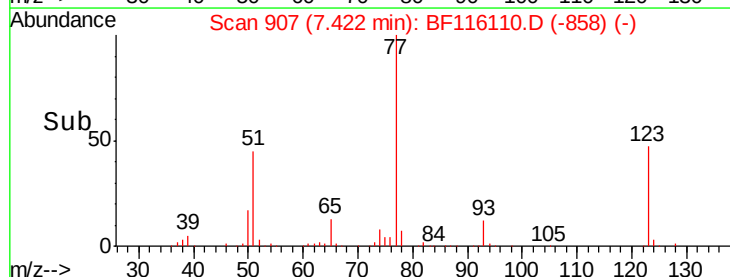
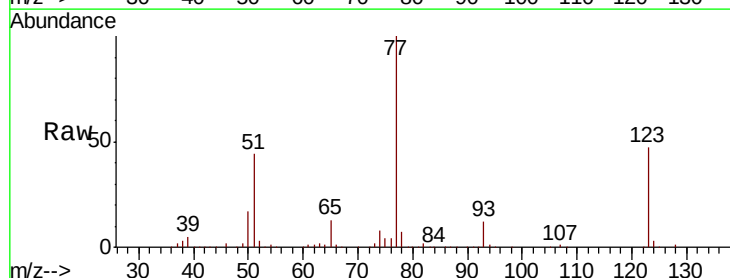
Instrument :
BNA_F
ClientSampleId :

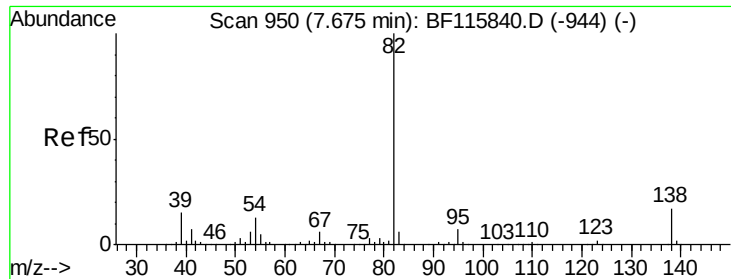
Tot Ion: 82 Resp: 766559
Ion Ratio Lower Upper
82 100
128 45.3 36.5 54.7
54 45.1 36.0 54.0



#24
Nitrobenzene
Concen: 40.473 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion: 77 Resp: 370202
Ion Ratio Lower Upper
77 100
123 47.0 36.7 55.1
65 13.3 10.6 16.0





#25

Isophorone

Concen: 42.100 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF116110.D

Acq: 9 Aug 2019 13:52

Instrument :

BNA_F

ClientSampleId :

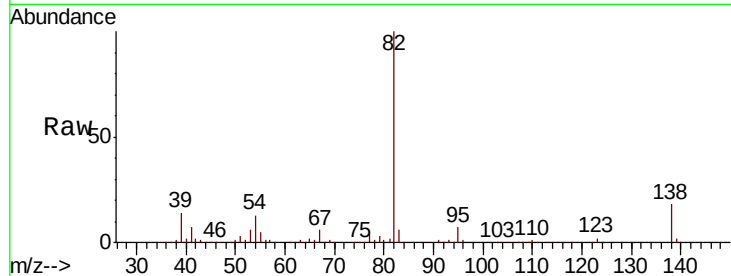
Tot Ion: 82 Resp: 681951

Ion Ratio Lower Upper

82 100

95 6.6 5.4 8.0

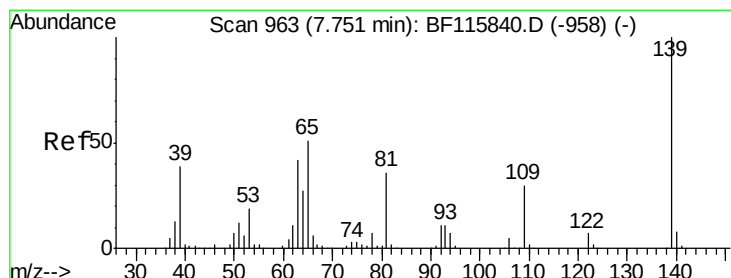
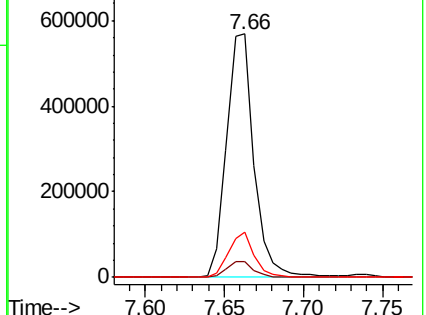
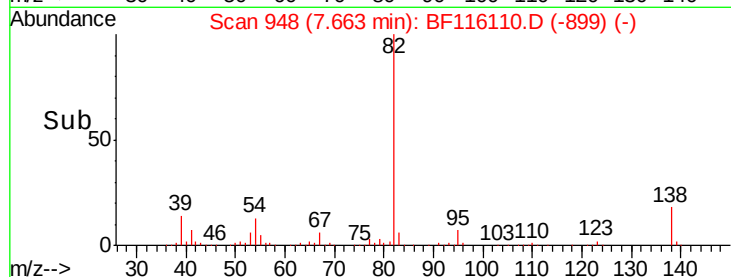
138 18.5 14.5 21.7



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 43.444 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF116110.D

Acq: 9 Aug 2019 13:52

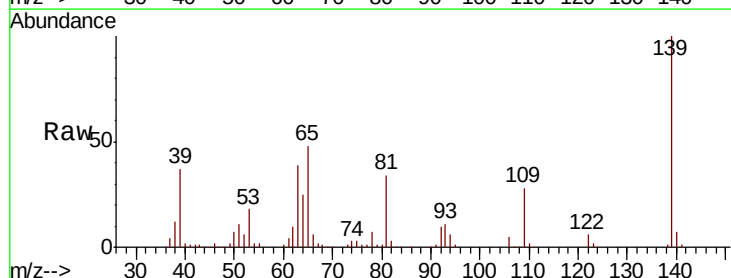
Tgt Ion: 139 Resp: 187318

Ion Ratio Lower Upper

139 100

109 28.5 23.4 35.2

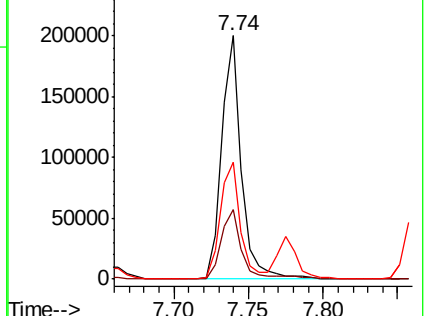
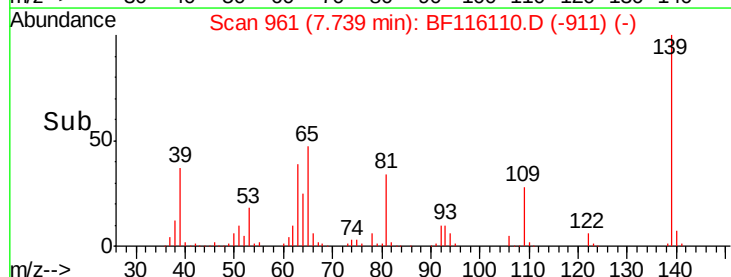
65 47.8 41.1 61.7

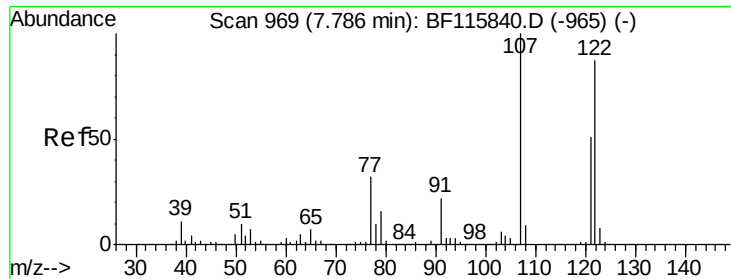


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

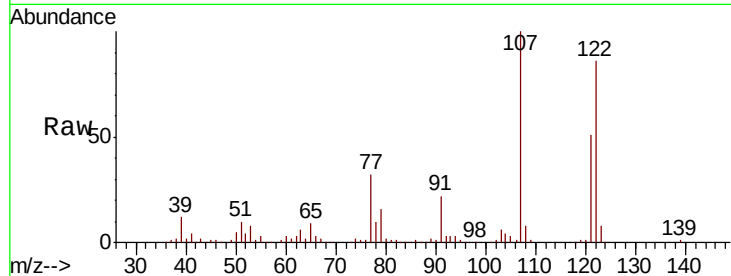




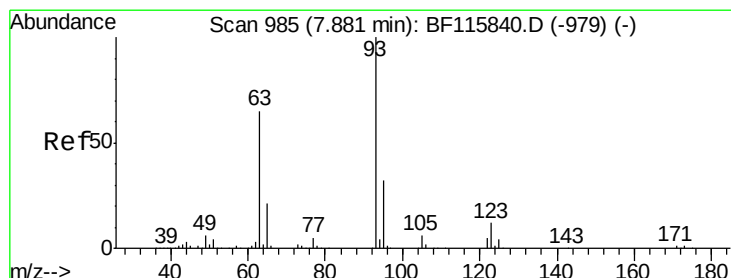
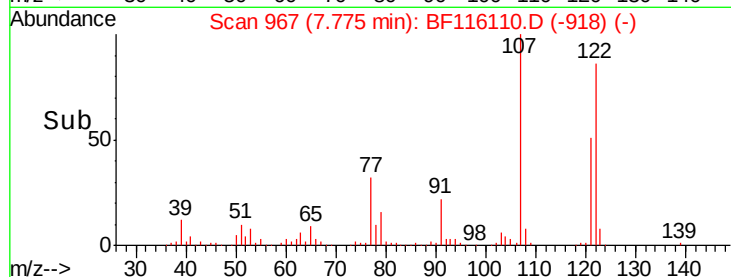
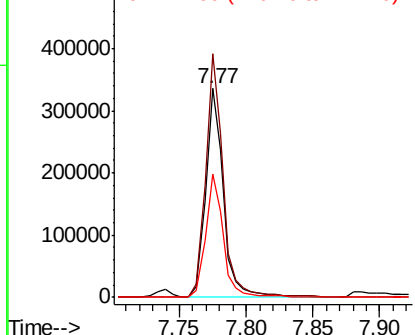
#27
2,4-Dimethylphenol
Concen: 47.906 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:122 Resp: 310764
Ion Ratio Lower Upper
122 100
107 116.8 93.0 139.6
121 59.1 47.6 71.4

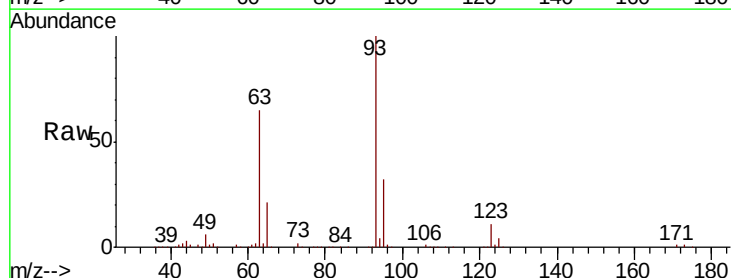


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

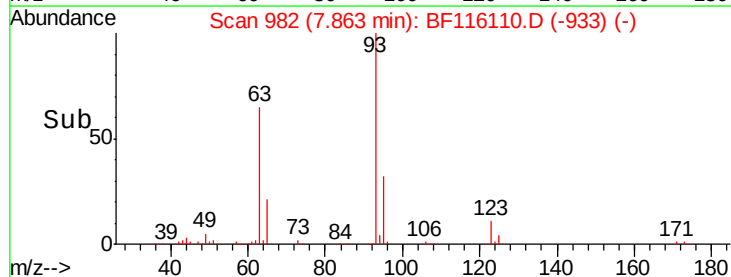
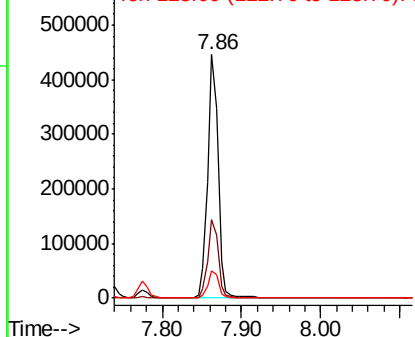


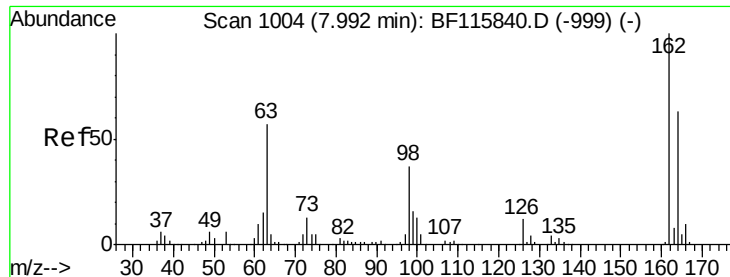
#28
bis(2-Chloroethoxy)methane
Concen: 41.316 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion: 93 Resp: 414809
Ion Ratio Lower Upper
93 100
95 32.5 26.2 39.4
123 11.1 9.2 13.8



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

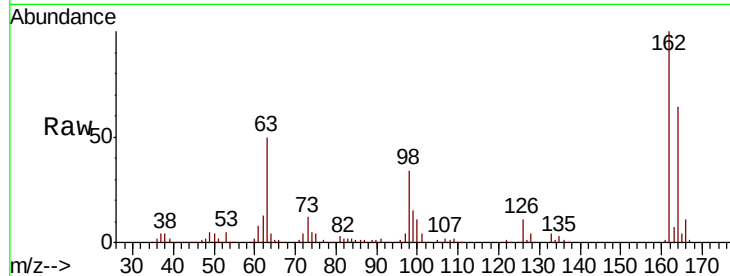




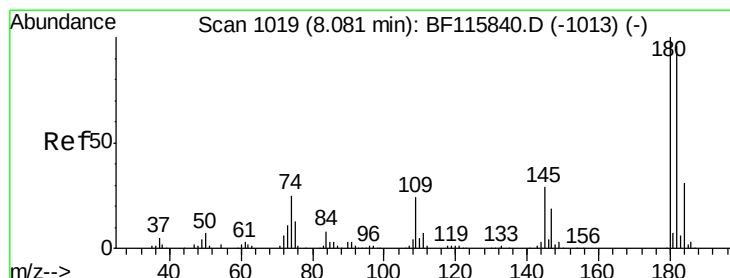
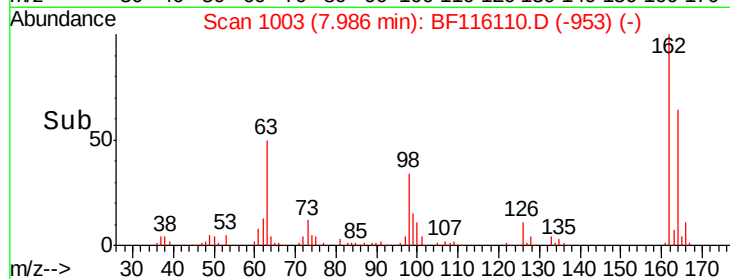
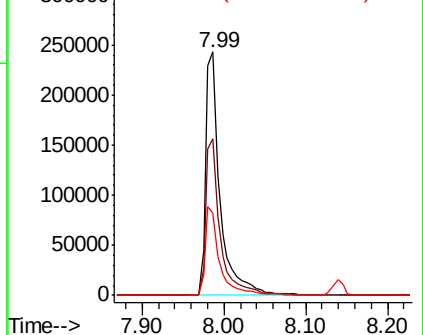
#29
2,4-Dichlorophenol
Concen: 43.875 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 300511
Ion Ratio Lower Upper
162 100
164 64.3 45.1 85.1
98 34.0 15.8 55.8

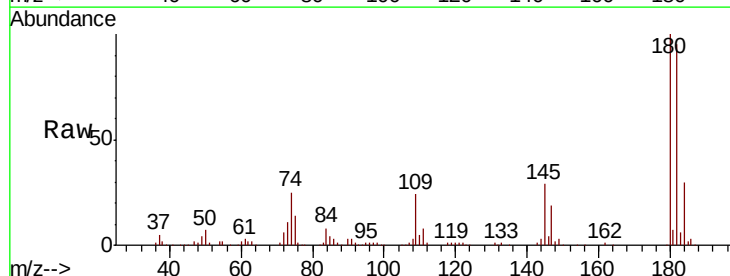


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

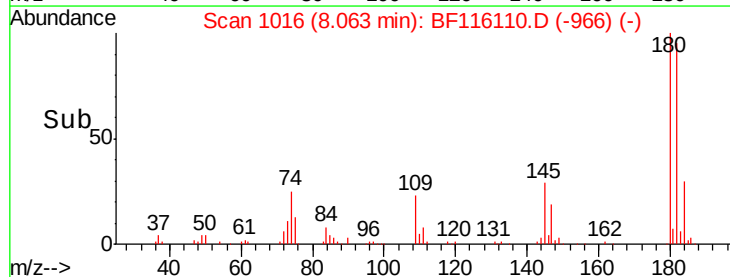
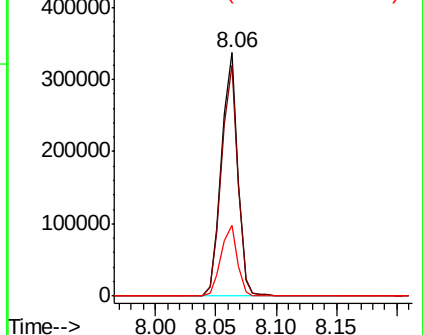


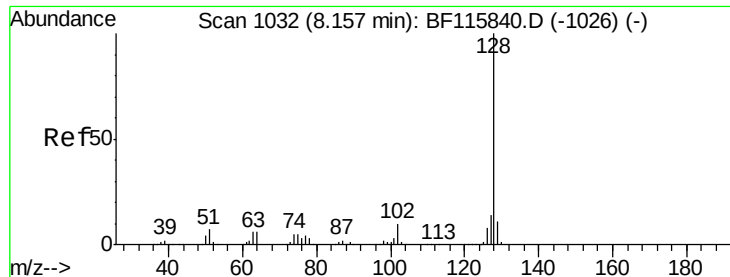
#30
1,2,4-Trichlorobenzene
Concen: 40.160 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion:180 Resp: 313549
Ion Ratio Lower Upper
180 100
182 94.9 75.7 113.5
145 29.3 24.3 36.5



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

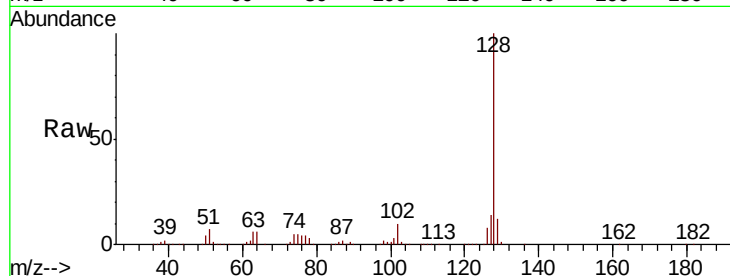




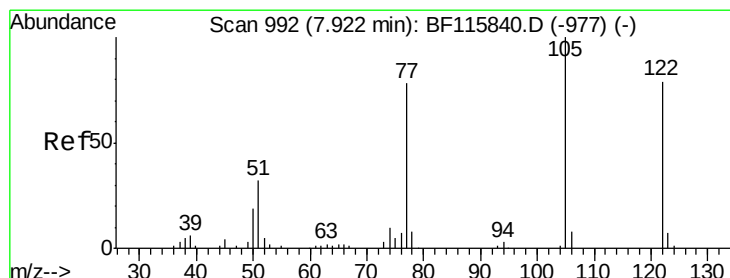
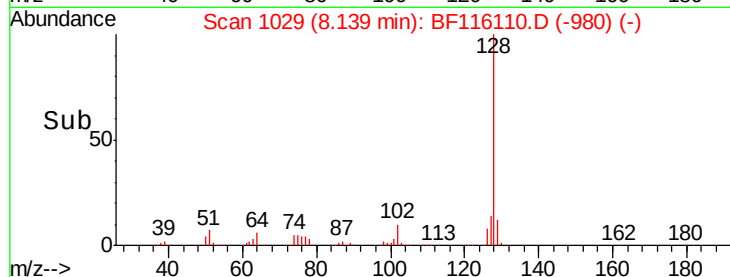
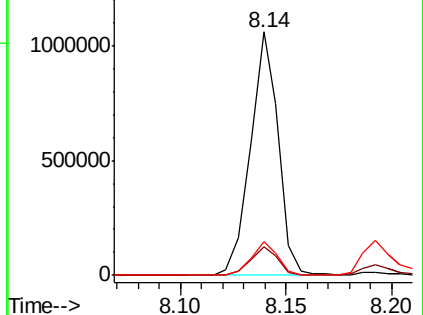
#31
Naphthalene
Concen: 42.111 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 969000
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 13.9 11.4 17.0

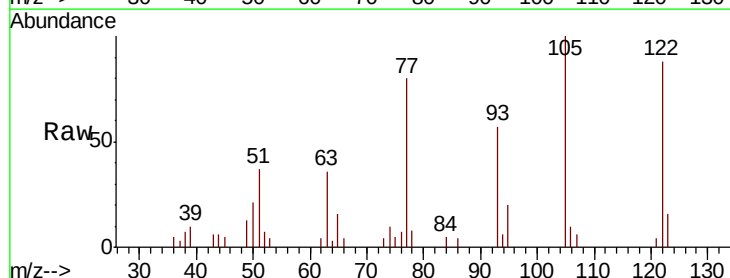


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

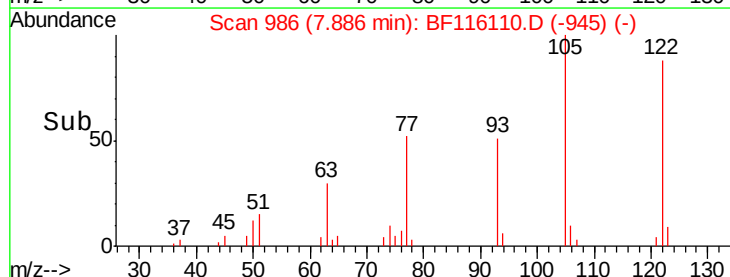
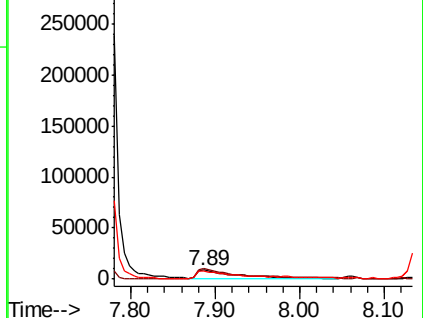


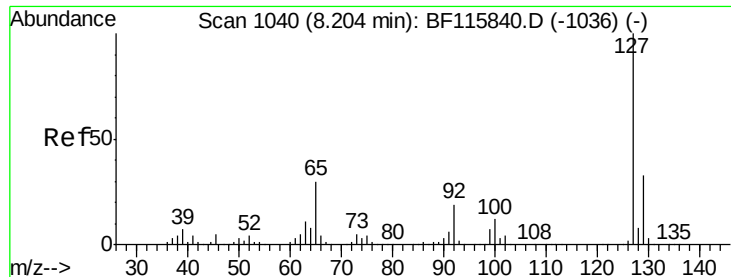
#32
Benzoic acid
Concen: 5.889 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.06 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion:122 Resp: 26935
Ion Ratio Lower Upper
122 100
105 113.3 106.1 146.1
77 90.4 76.7 116.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

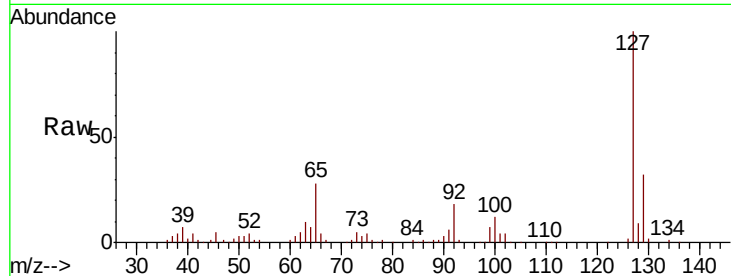




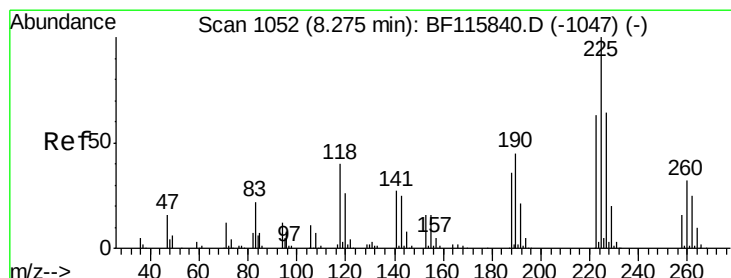
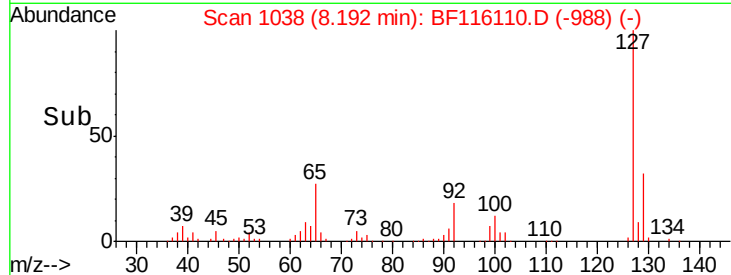
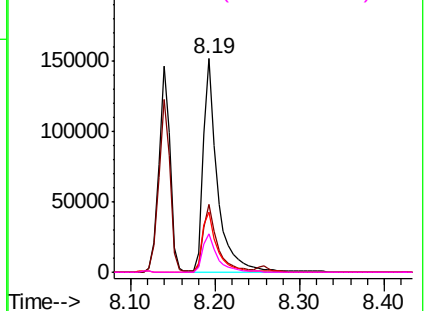
#33
4-Chloroaniline
Concen: 17.423 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	179137
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.1	39.1
65	28.1	24.9	37.3
92	17.8	15.7	23.5

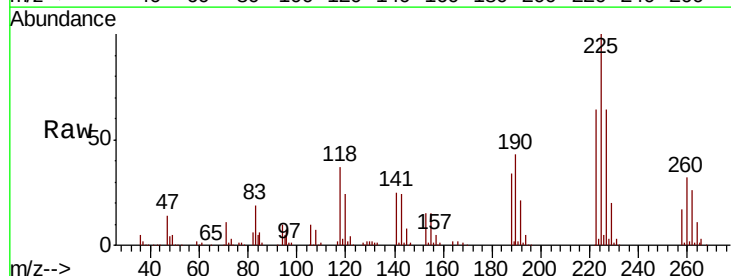


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

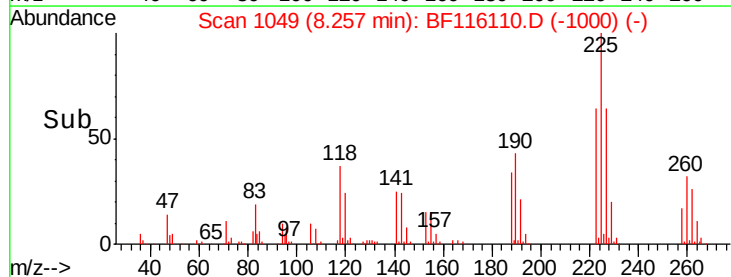
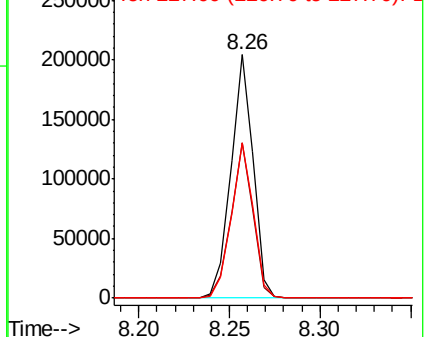


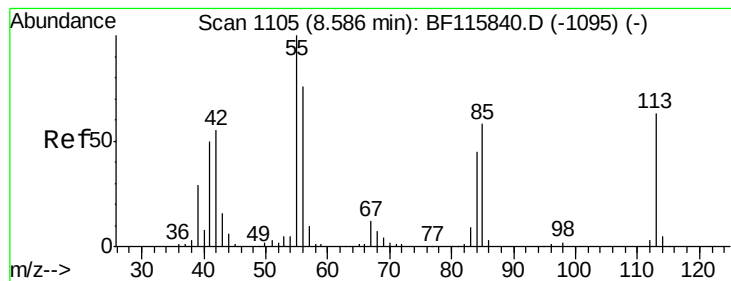
#34
Hexachlorobutadiene
Concen: 38.802 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion:	225	Resp:	174498
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.0	75.0
227	63.7	51.0	76.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 18.022 ng

RT: 8.56 min Scan# 1101

Delta R.T. -0.03 min

Lab File: BF116110.D

Acq: 9 Aug 2019 13:52

Instrument :

BNA_F

ClientSampleId :

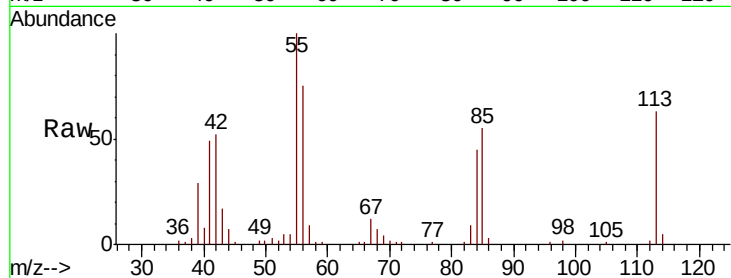
Tot Ion:113 Resp: 39923

Ion Ratio Lower Upper

113 100

55 158.3 144.3 184.3

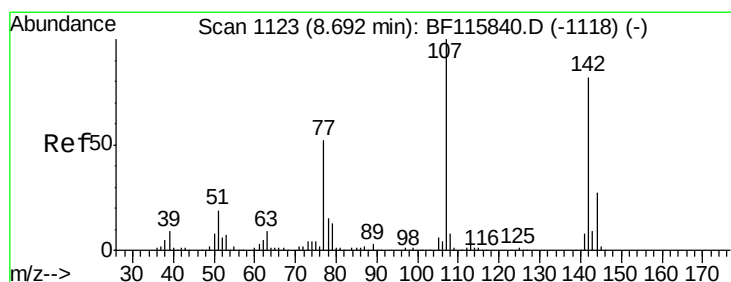
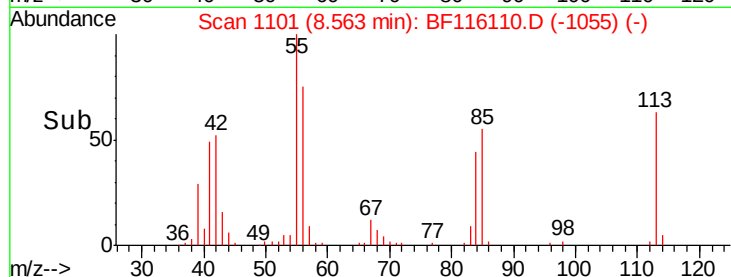
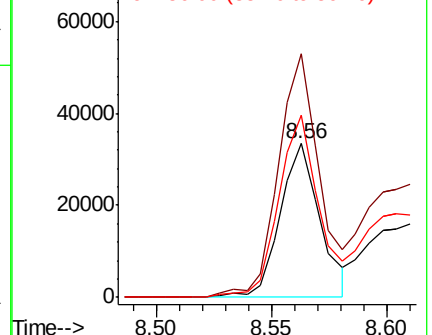
56 118.8 97.1 137.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 44.251 ng

RT: 8.68 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BF116110.D

Acq: 9 Aug 2019 13:52

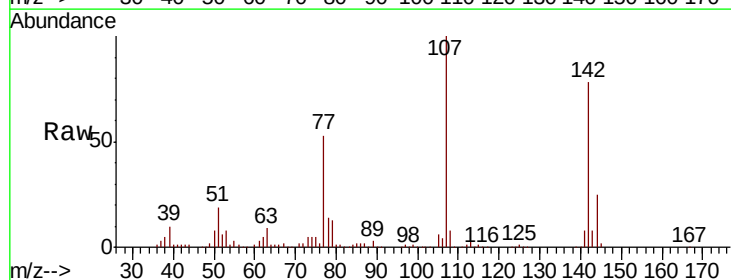
Tgt Ion:107 Resp: 315312

Ion Ratio Lower Upper

107 100

144 24.9 20.2 30.2

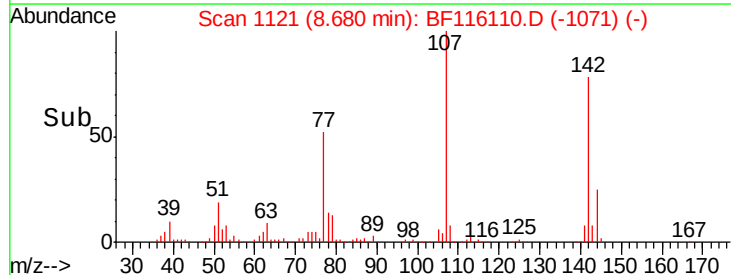
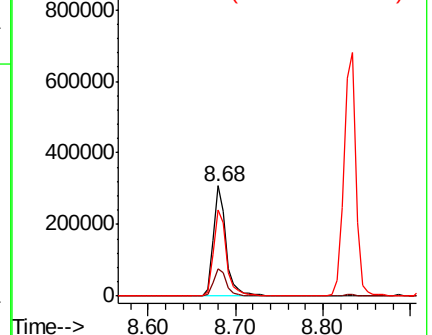
142 78.2 61.7 92.5

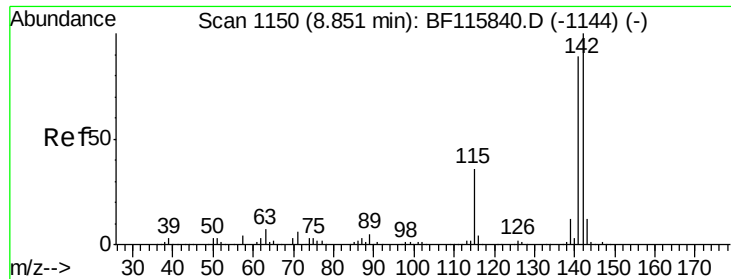


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

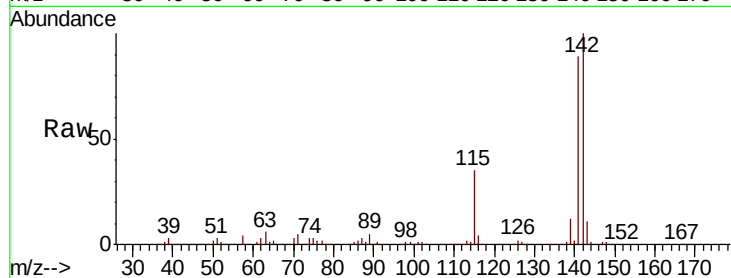




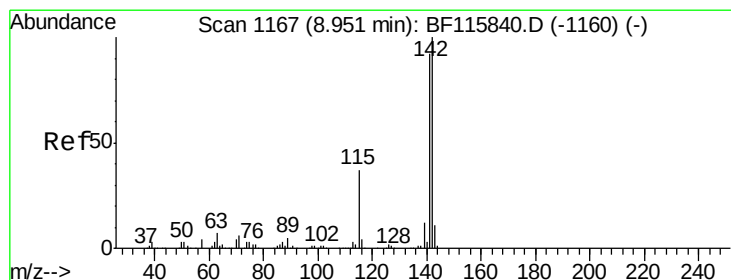
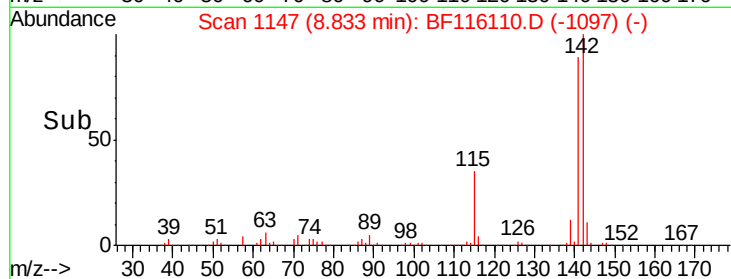
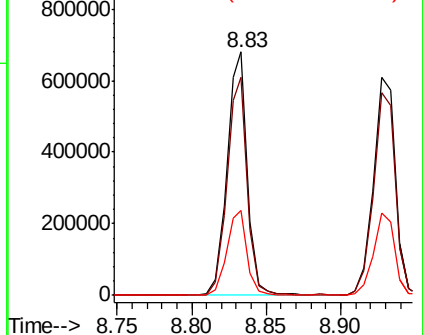
#37
2-Methylnaphthalene
Concen: 43.095 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 653085
Ion Ratio Lower Upper
142 100
141 89.3 70.9 106.3
115 34.7 29.0 43.6

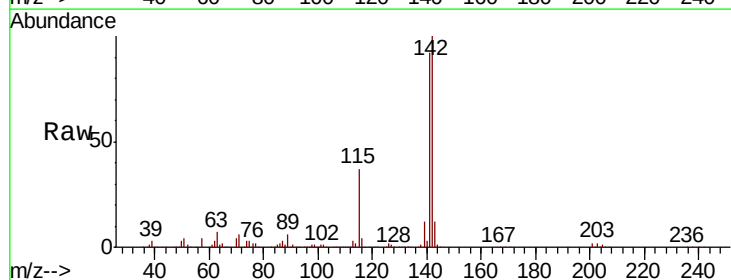


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

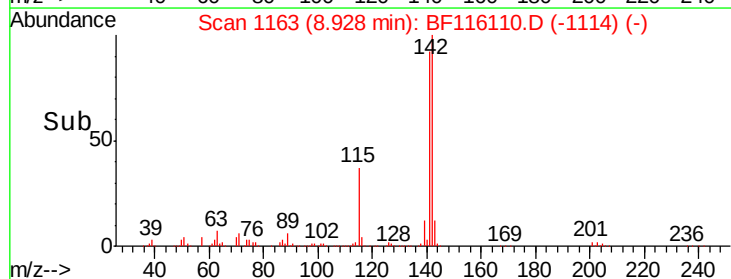
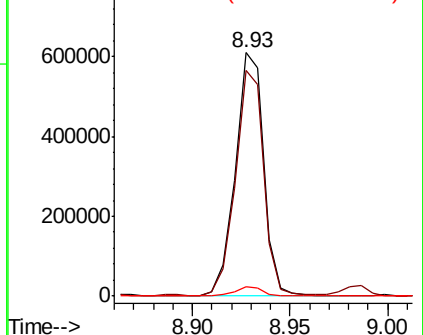


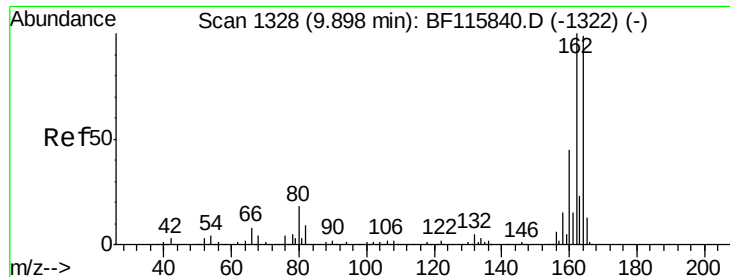
#38
1-Methylnaphthalene
Concen: 42.535 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion:142 Resp: 609809
Ion Ratio Lower Upper
142 100
141 92.5 74.4 111.6
116 3.9 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

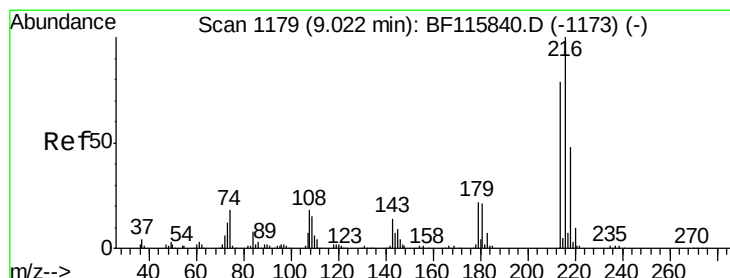
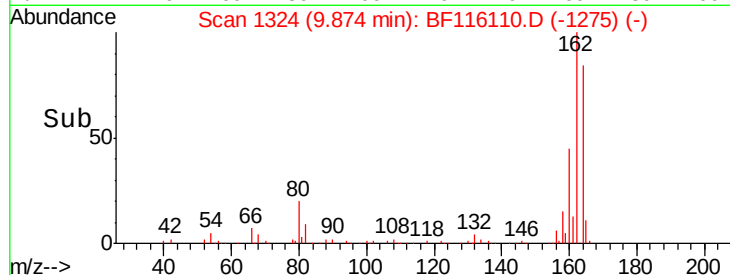
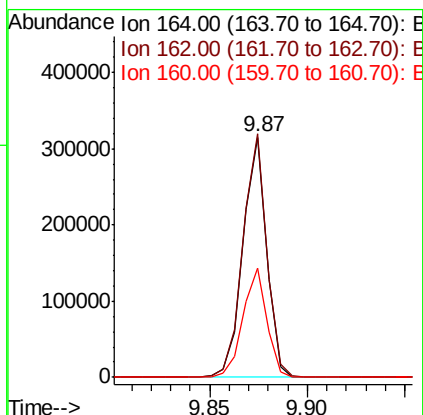
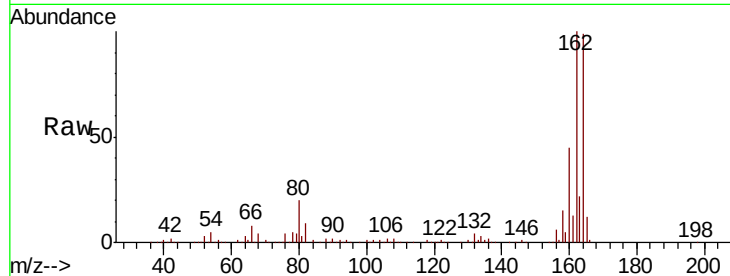




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF116110.D
 Acq: 9 Aug 2019 13:52

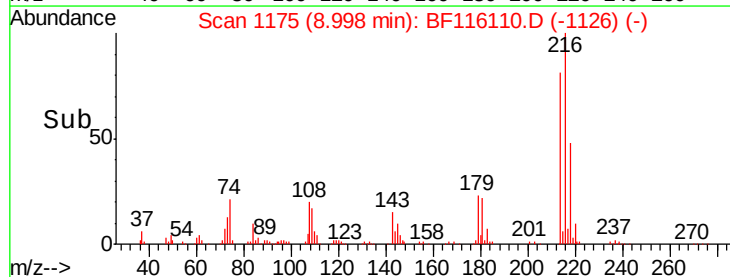
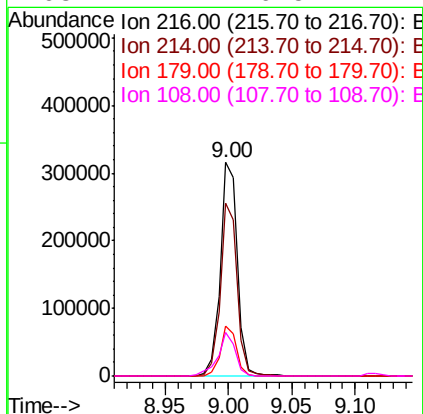
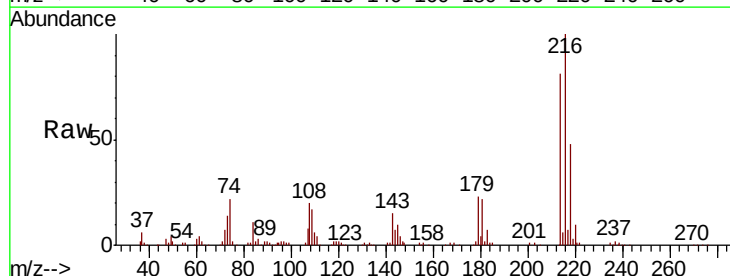
Instrument :
 BNA_F
 ClientSampleId :

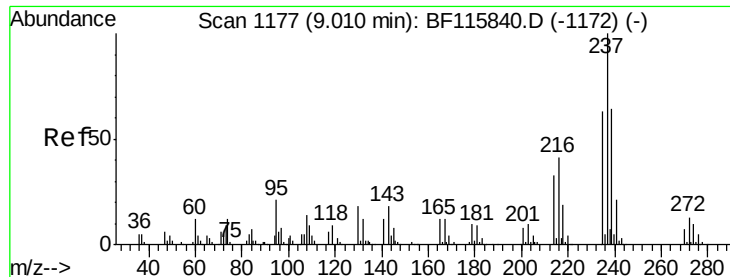
Tot Ion:164 Resp: 266024
 Ion Ratio Lower Upper
 164 100
 162 101.5 82.6 124.0
 160 45.5 37.6 56.4



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.177 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF116110.D
 Acq: 9 Aug 2019 13:52

Tgt Ion:216 Resp: 299956
 Ion Ratio Lower Upper
 216 100
 214 79.1 63.6 95.4
 179 22.1 17.8 26.8
 108 21.2 16.5 24.7

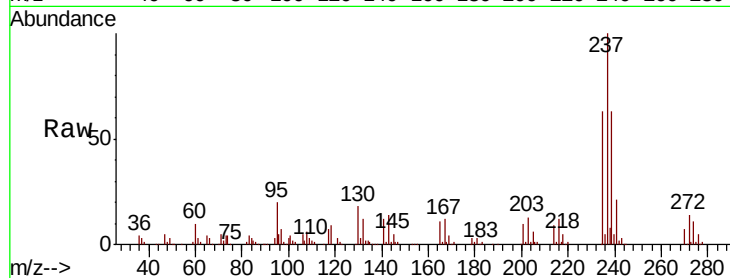




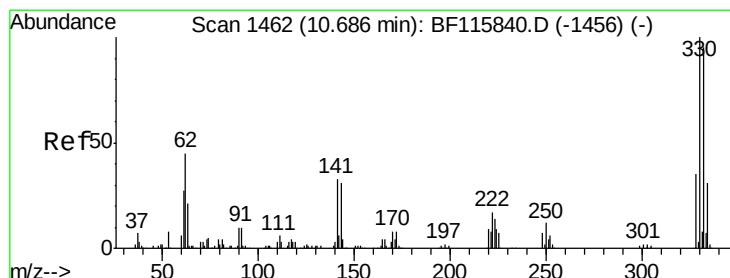
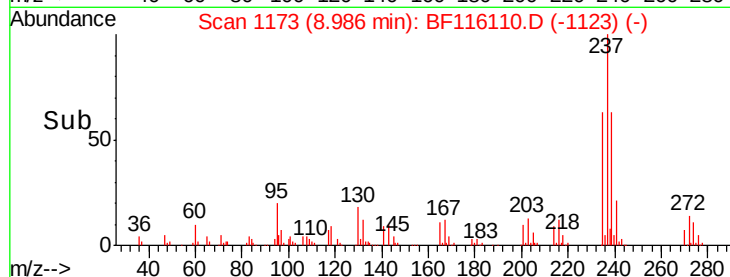
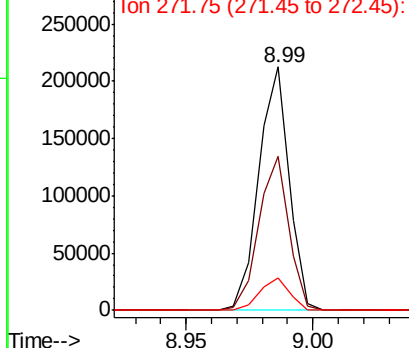
#41
Hexachlorocyclopentadiene
Concen: 57.590 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 178151
Ion Ratio Lower Upper
237 100
235 63.1 43.4 83.4
272 13.6 0.0 33.2

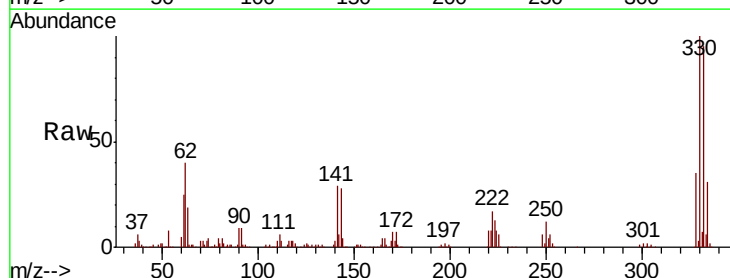


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

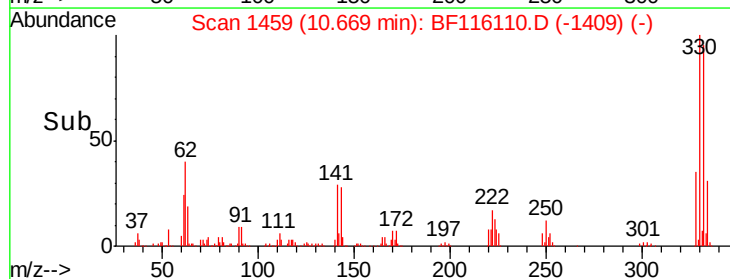
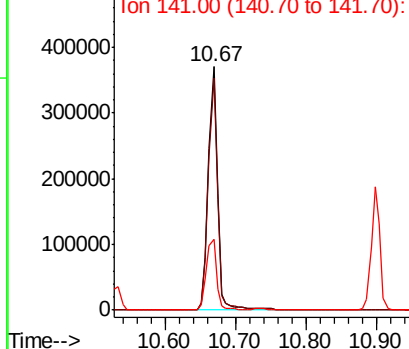


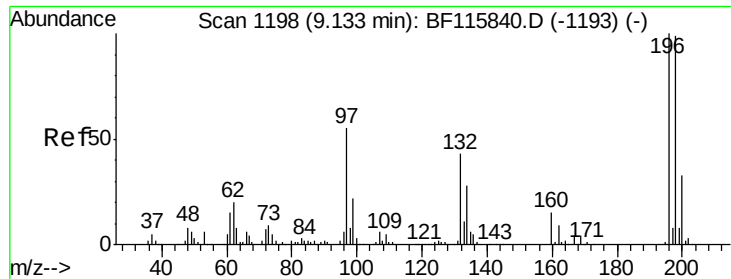
#42
2,4,6-Tribromophenol
Concen: 133.711 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion:330 Resp: 344864
Ion Ratio Lower Upper
330 100
332 95.5 76.8 115.2
141 31.7 26.3 39.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

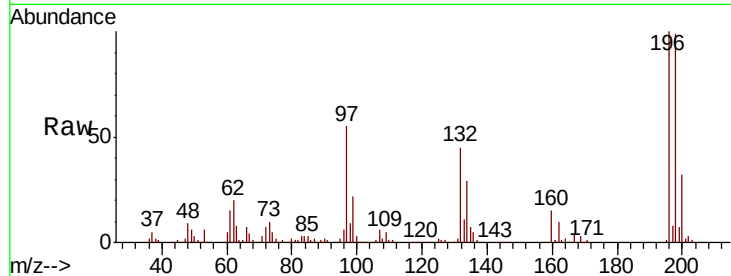




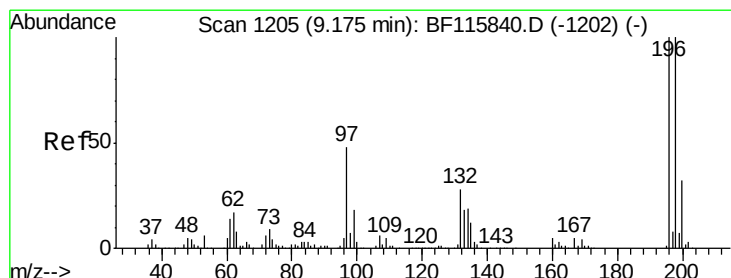
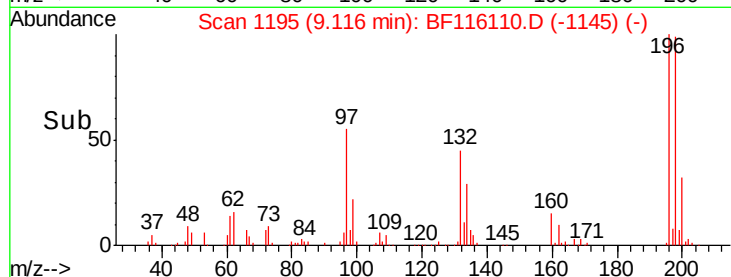
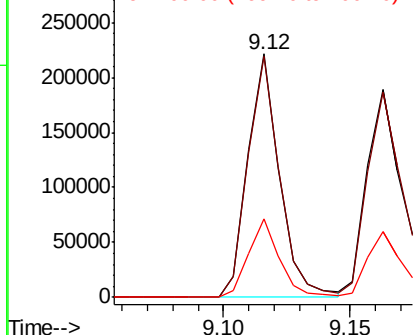
#43
 2,4,6-Trichlorophenol
 Concen: 39.642 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF116110.D
 Acq: 9 Aug 2019 13:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 194055
 Ion Ratio Lower Upper
 196 100
 198 98.8 79.2 118.8
 200 32.1 25.2 37.8

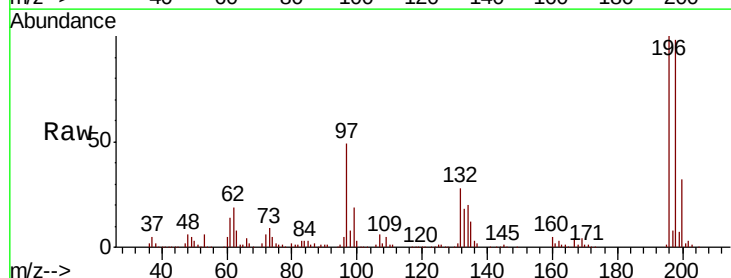


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

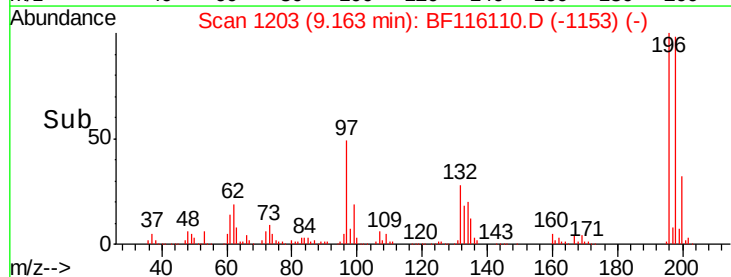
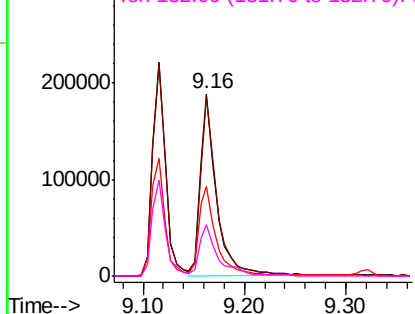


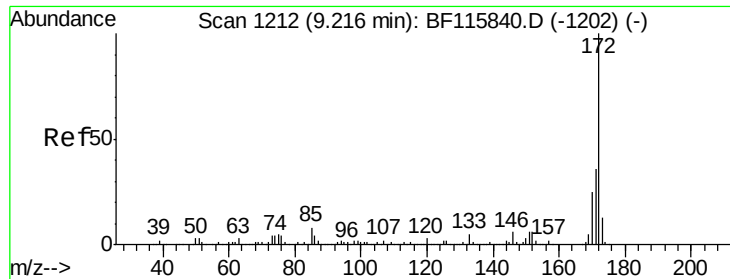
#44
 2,4,5-Trichlorophenol
 Concen: 41.398 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF116110.D
 Acq: 9 Aug 2019 13:52

Tgt Ion:196 Resp: 209482
 Ion Ratio Lower Upper
 196 100
 198 98.5 78.8 118.2
 97 49.3 42.2 63.4
 132 28.4 24.0 36.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

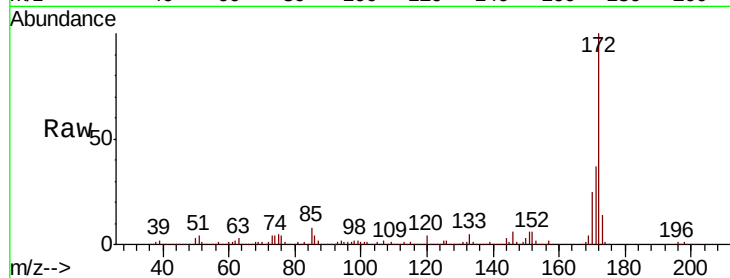




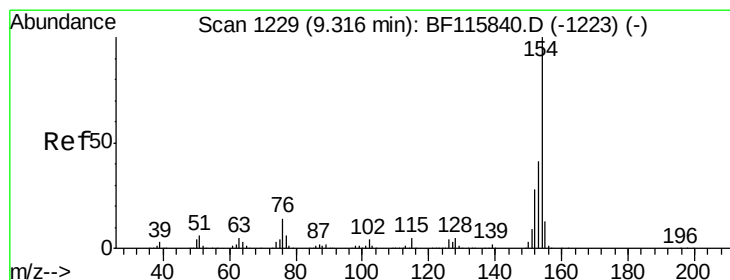
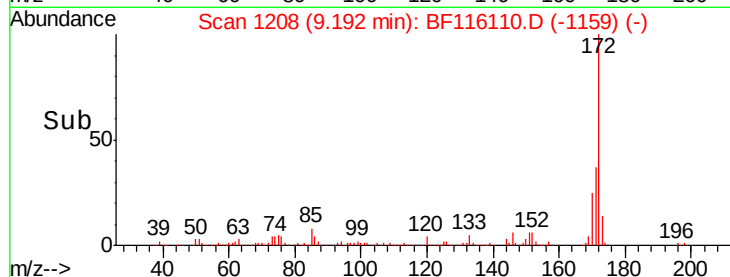
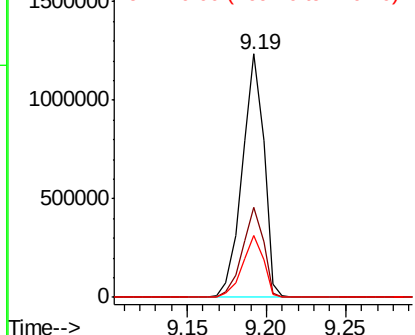
#45
2-Fluorobiphenyl
Concen: 82.207 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1167550
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 25.2 20.1 30.1

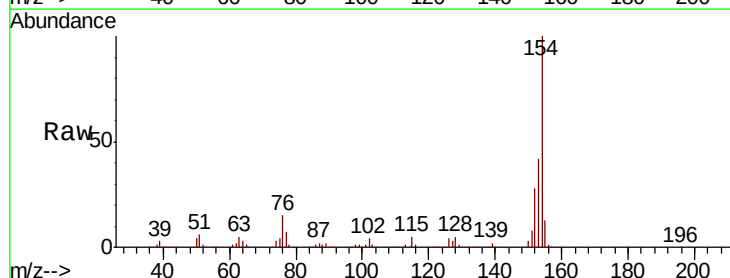


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

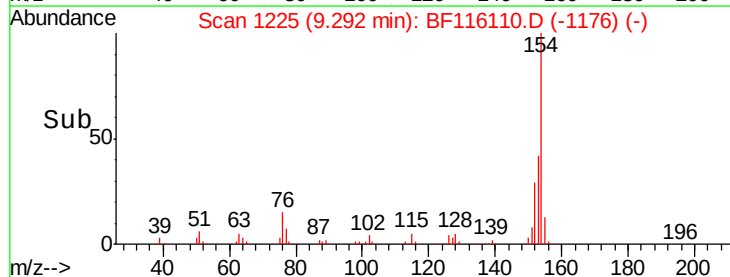
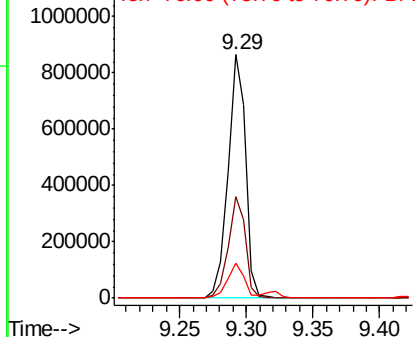


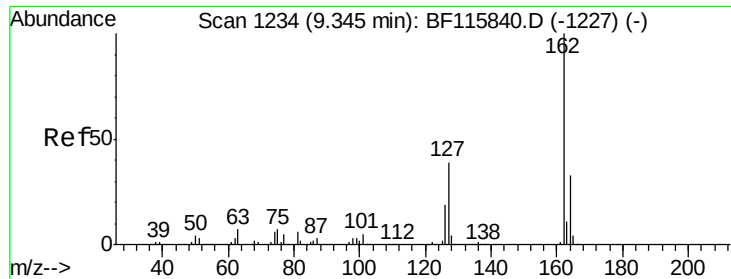
#46
1,1'-Biphenyl
Concen: 42.792 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion:154 Resp: 803691
Ion Ratio Lower Upper
154 100
153 41.8 21.4 61.4
76 14.6 0.0 35.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

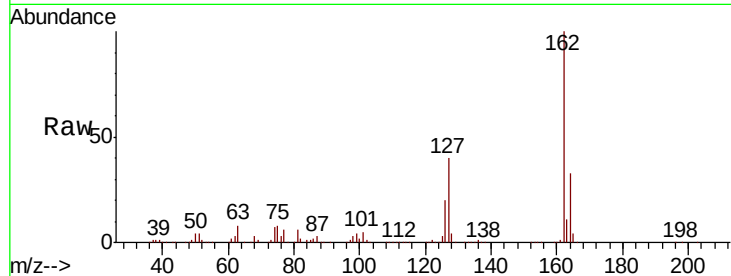




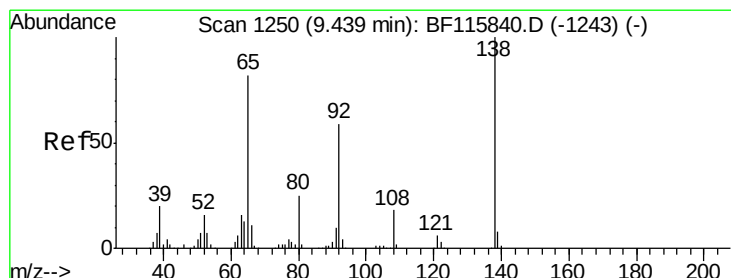
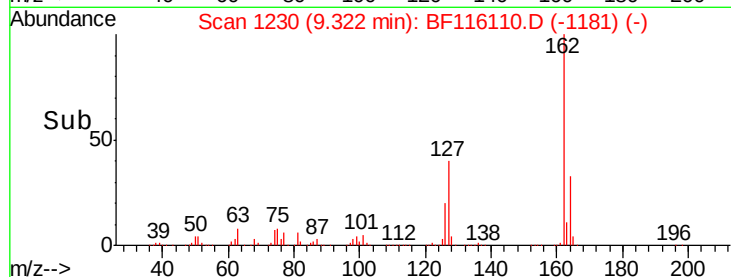
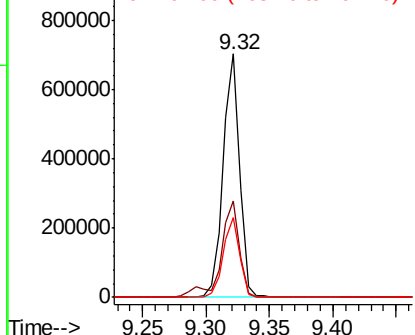
#47
2-Chloronaphthalene
Concen: 40.658 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.8	32.8	49.2
164	33.0	26.6	39.8

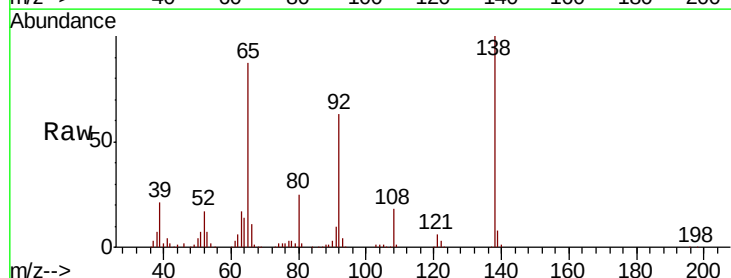


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

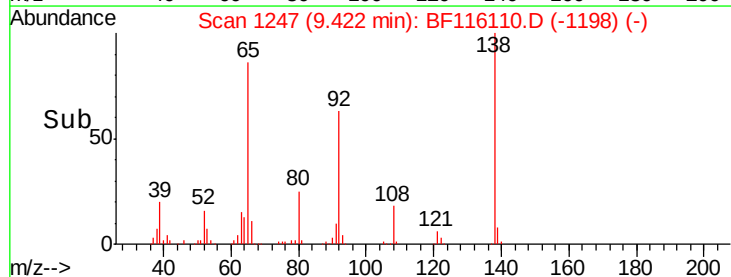
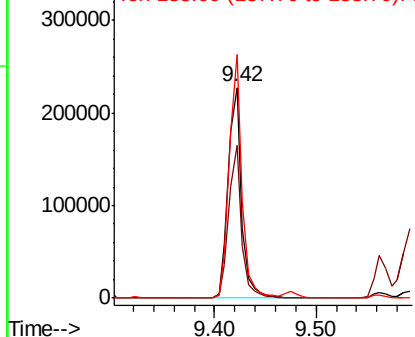


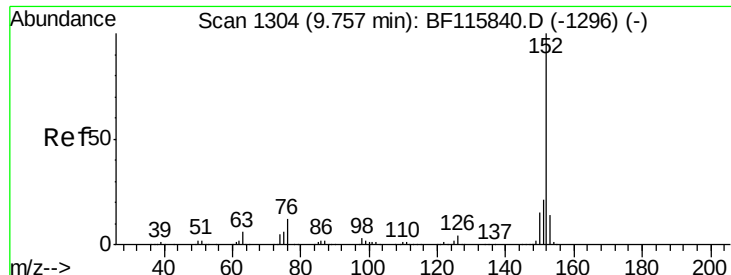
#48
2-Nitroaniline
Concen: 40.723 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.3	57.8	86.8
138	115.5	94.0	141.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.014 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF116110.D

Acq: 9 Aug 2019 13:52

Instrument :

BNA_F

ClientSampleId :

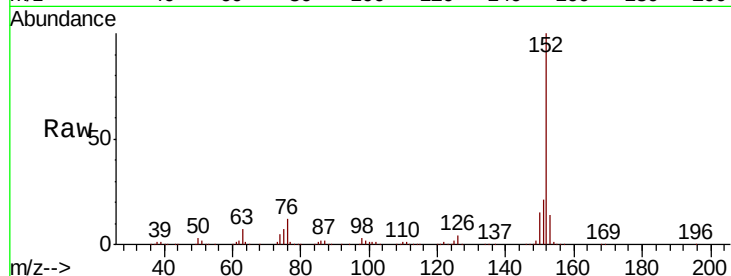
Tot Ion:152 Resp: 980941

Ion Ratio Lower Upper

152 100

151 21.2 17.2 25.8

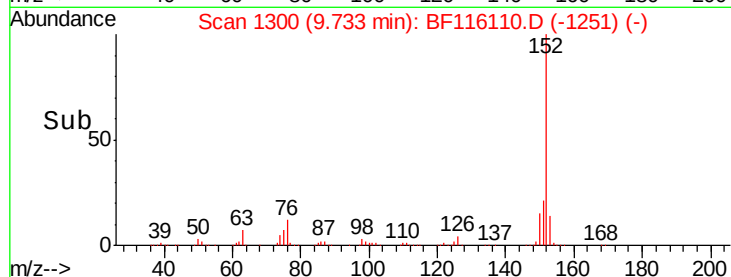
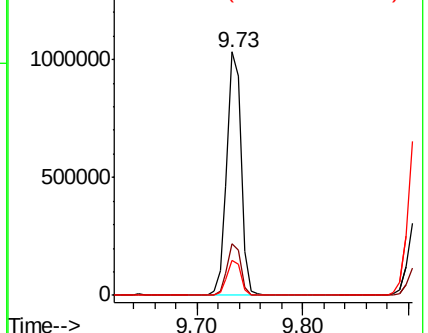
153 14.2 11.8 17.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.989 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF116110.D

Acq: 9 Aug 2019 13:52

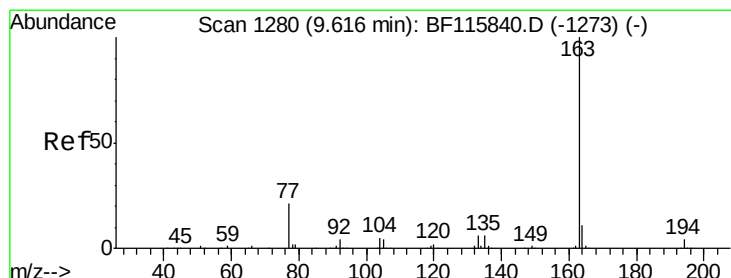
Tgt Ion:163 Resp: 833017

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

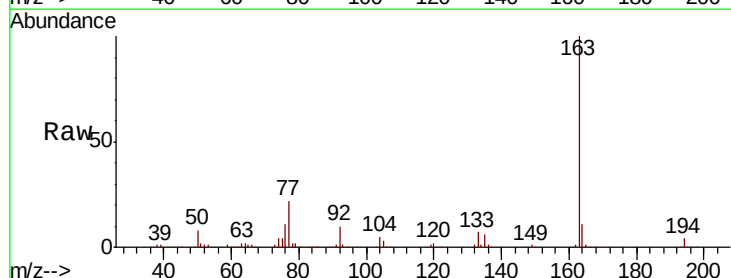
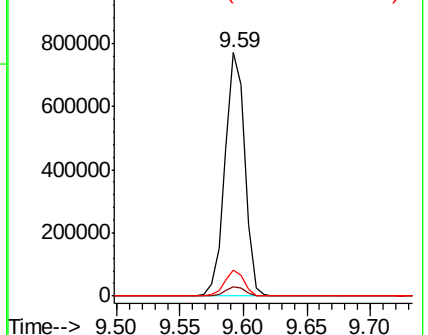
164 10.6 8.4 12.6

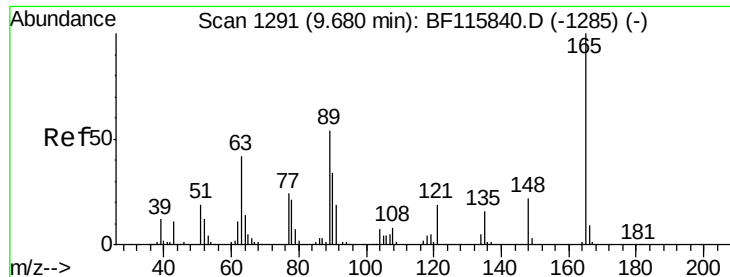


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.912 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF116110.D

Acq: 9 Aug 2019 13:52

Instrument :

BNA_F

ClientSampleId :

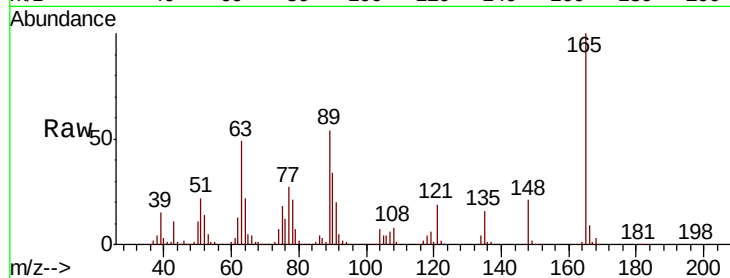
Tot Ion:165 Resp: 172851

Ion Ratio Lower Upper

165 100

63 49.0 38.2 57.2

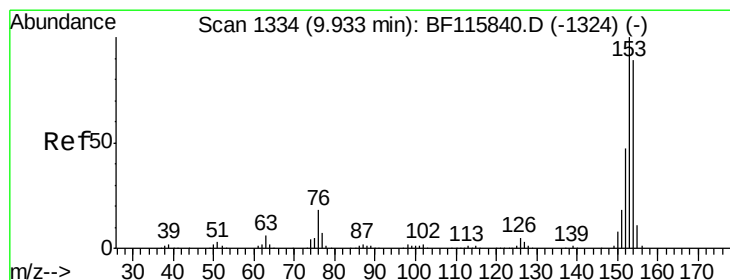
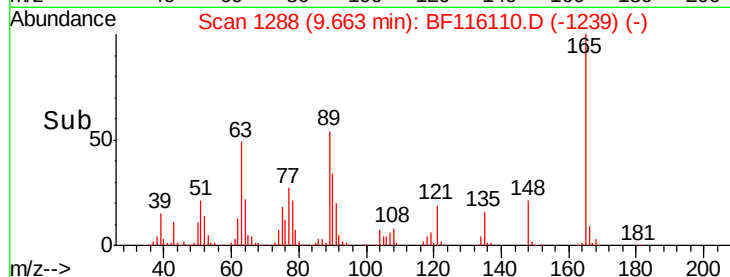
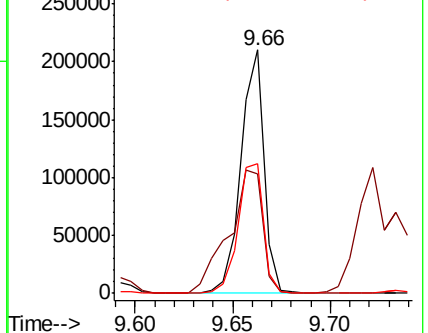
89 53.5 42.9 64.3



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 41.155 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF116110.D

Acq: 9 Aug 2019 13:52

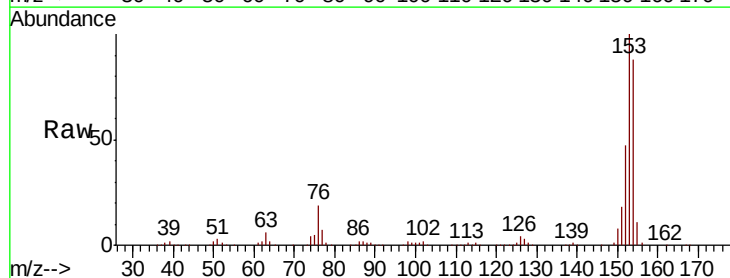
Tgt Ion:154 Resp: 575783

Ion Ratio Lower Upper

154 100

153 113.4 89.4 134.0

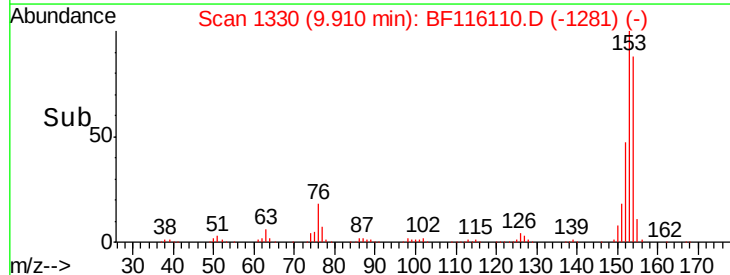
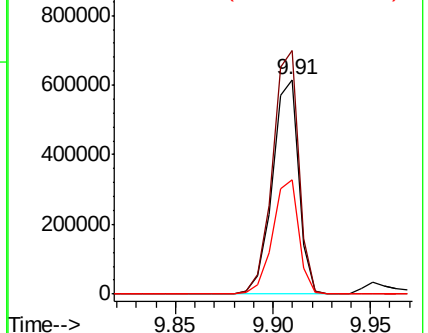
152 53.4 42.3 63.5

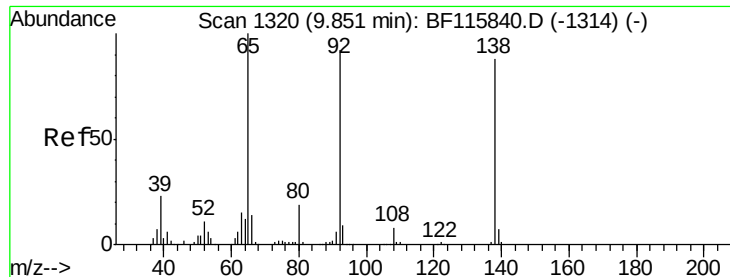


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

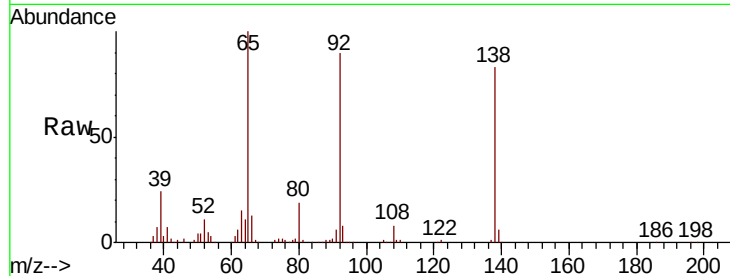




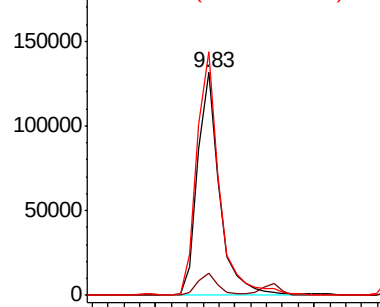
#53
3-Nitroaniline
Concen: 25.914 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Instrument :
BNA_F
ClientSampleId :

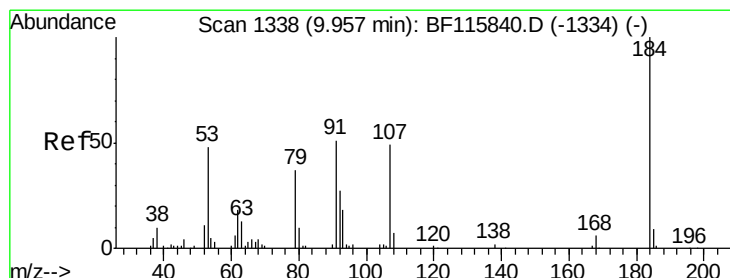
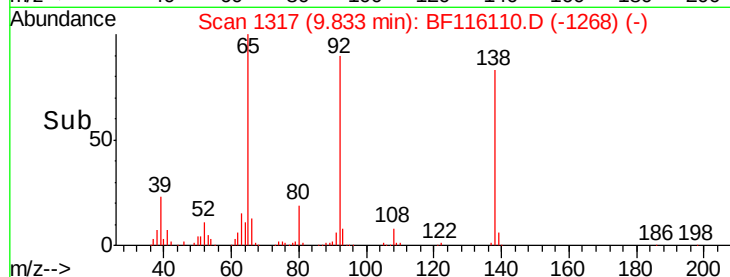
Tot Ion:138 Resp: 126040
Ion Ratio Lower Upper
138 100
108 9.7 8.0 12.0
92 109.3 91.0 136.6



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

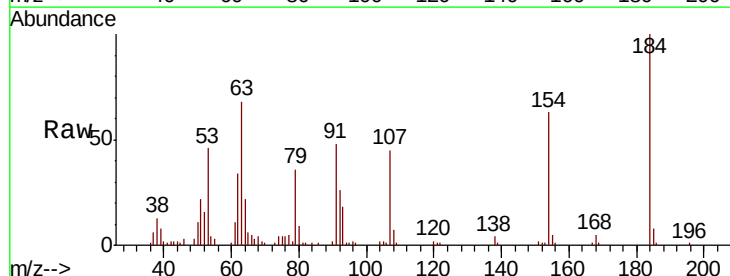


Time-->

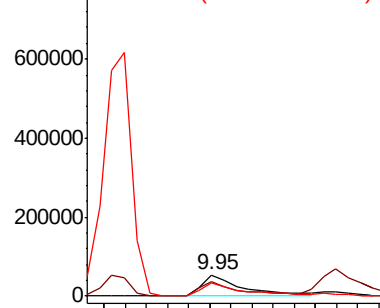


#54
2,4-Dinitrophenol
Concen: 40.841 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

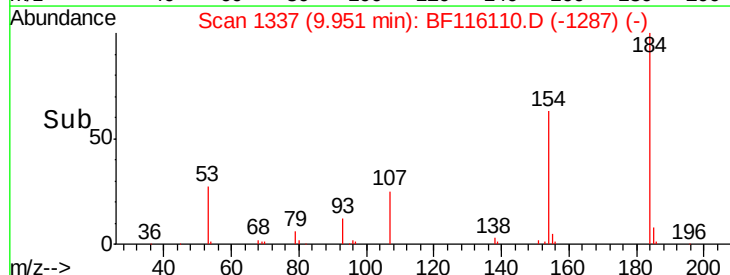
Tgt Ion:184 Resp: 73281
Ion Ratio Lower Upper
184 100
63 68.1 53.0 79.4
154 63.0 50.1 75.1

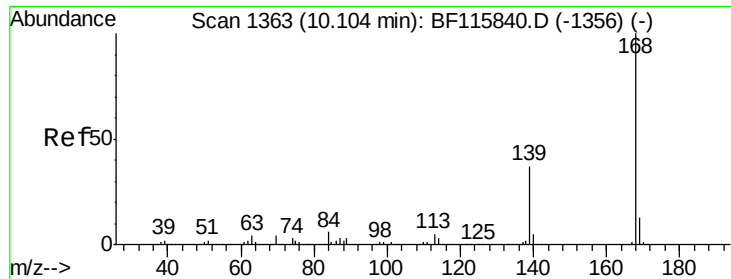


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E



Time-->

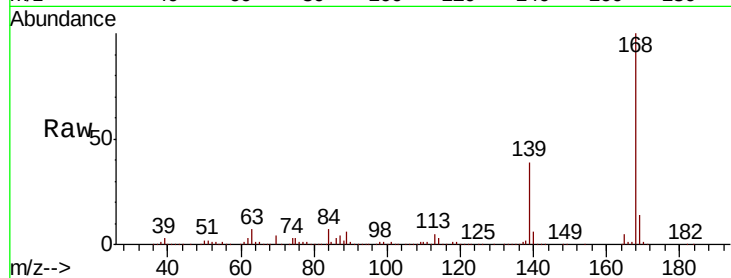




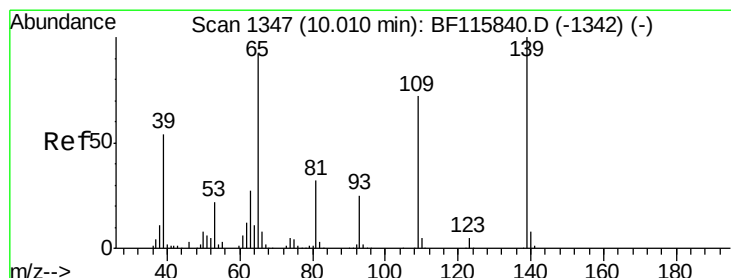
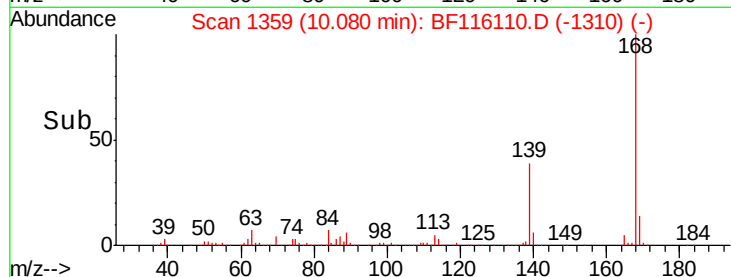
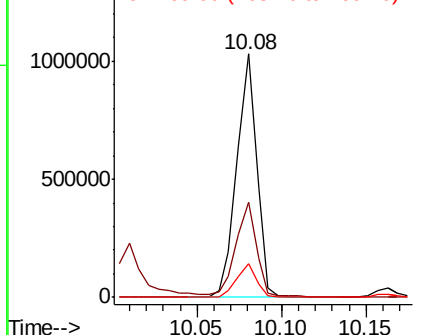
#55
Dibenzofuran
Concen: 41.991 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 854341
Ion Ratio Lower Upper
168 100
139 39.3 31.4 47.2
169 13.7 10.9 16.3

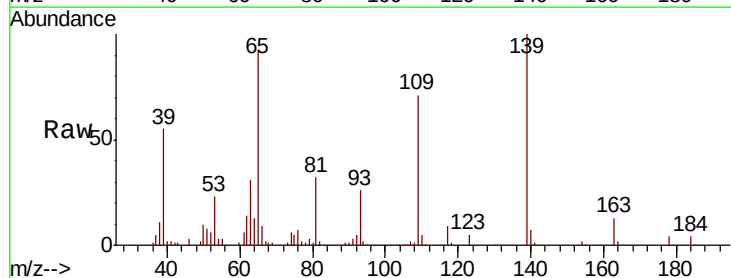


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

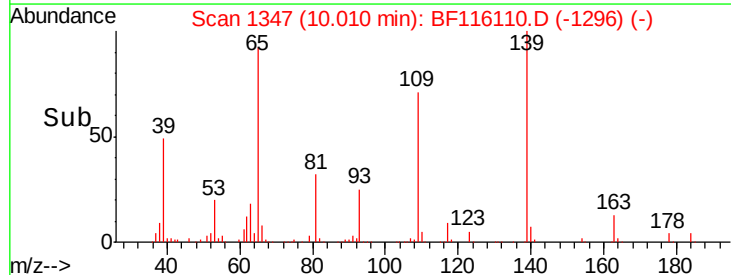
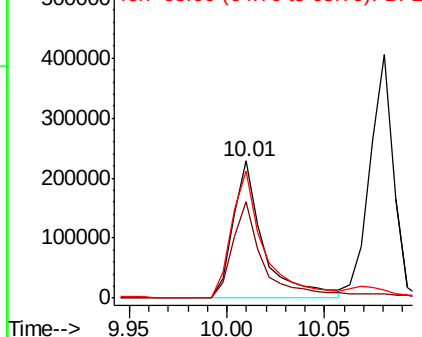


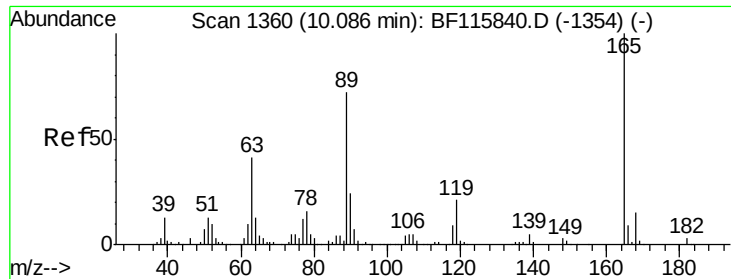
#56
4-Nitrophenol
Concen: 79.698 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion:139 Resp: 248320
Ion Ratio Lower Upper
139 100
109 70.6 54.4 94.4
65 92.5 80.6 120.6



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

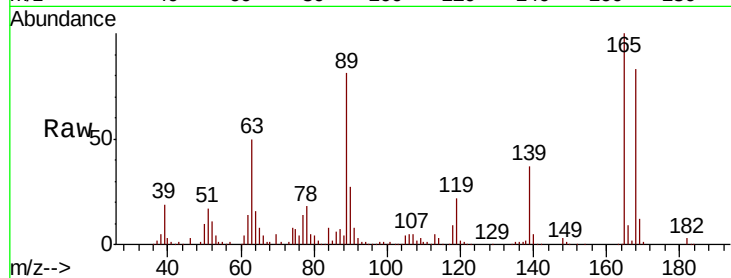




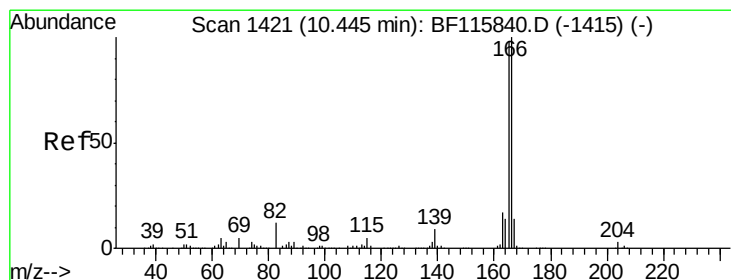
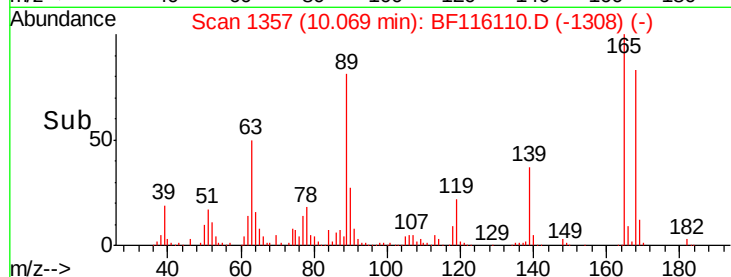
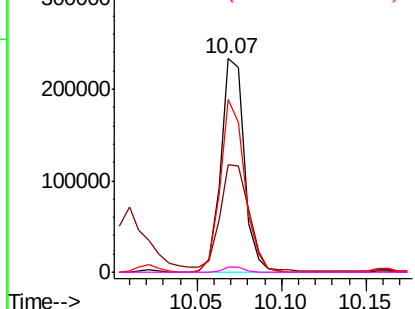
#57
2,4-Dinitrotoluene
Concen: 42.976 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	225234
Ion	Ratio	Lower Upper
165	100	
63	50.1	39.6 59.4
89	81.1	62.2 93.2
182	2.6	2.1 3.1

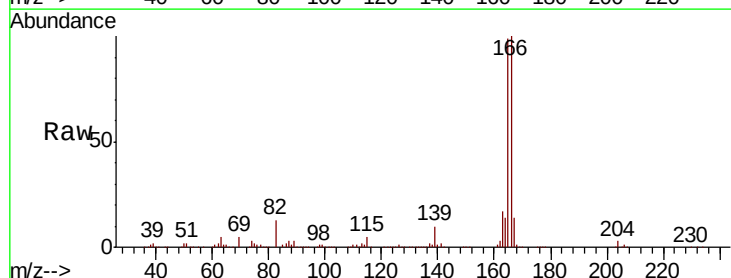


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

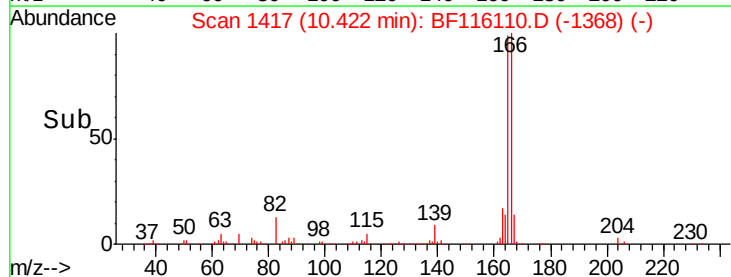
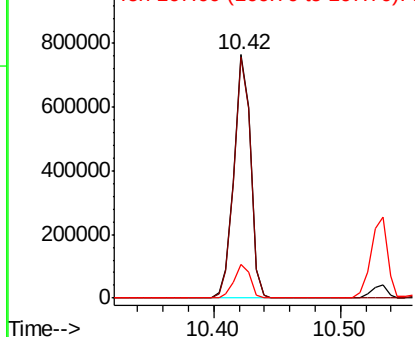


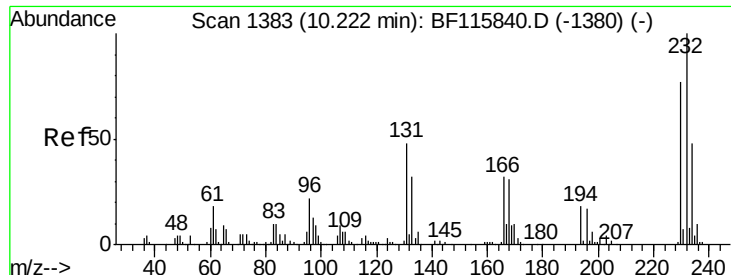
#58
Fluorene
Concen: 43.776 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion:166	Resp:	685255
Ion	Ratio	Lower Upper
166	100	
165	99.0	78.4 117.6
167	13.8	11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

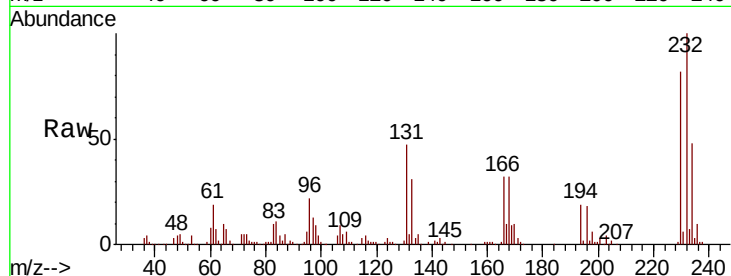




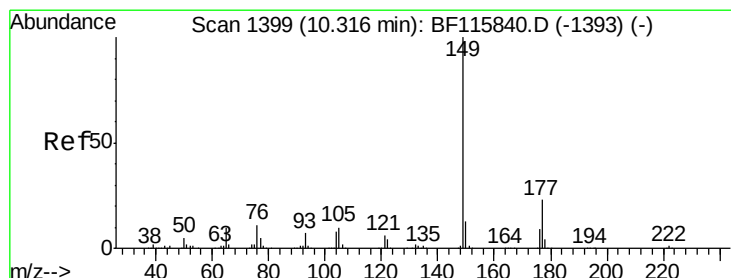
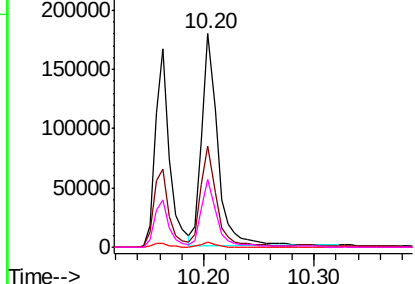
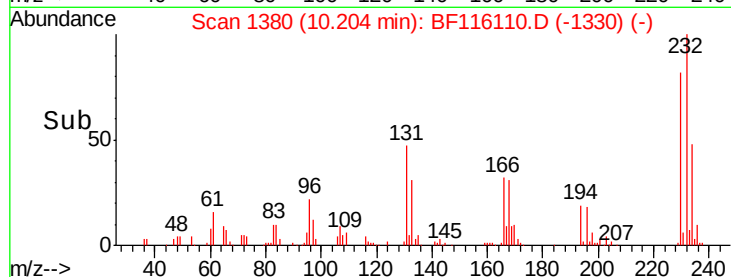
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.484 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 176607
Ion Ratio Lower Upper
232 100
131 45.8 36.2 54.2
130 2.3 1.9 2.9
166 29.9 23.0 34.4

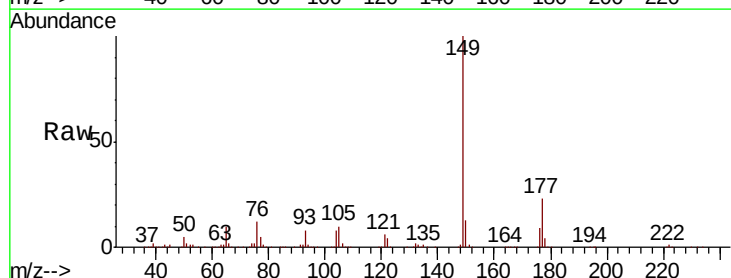


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

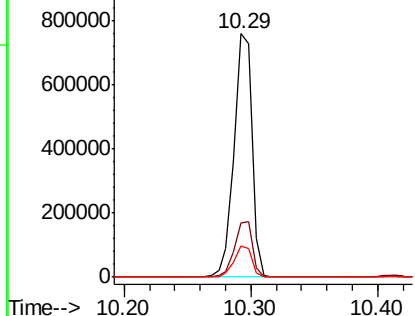
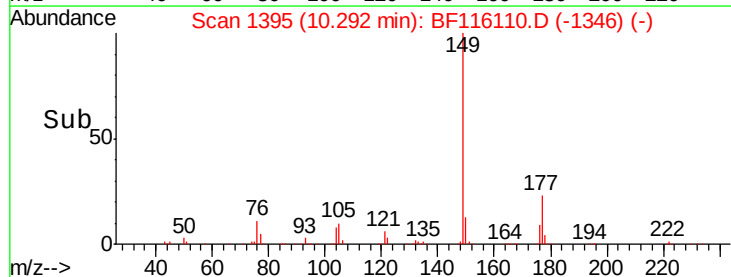


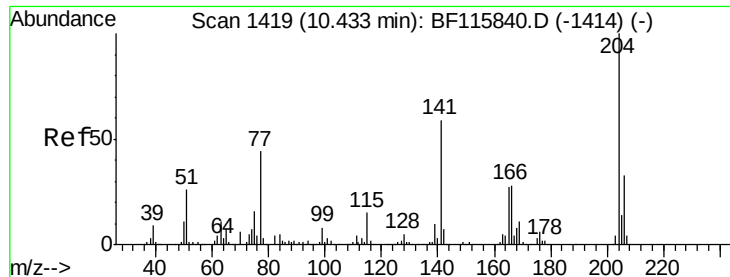
#60
Diethylphthalate
Concen: 43.829 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion:149 Resp: 741201
Ion Ratio Lower Upper
149 100
177 22.5 18.8 28.2
150 12.7 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

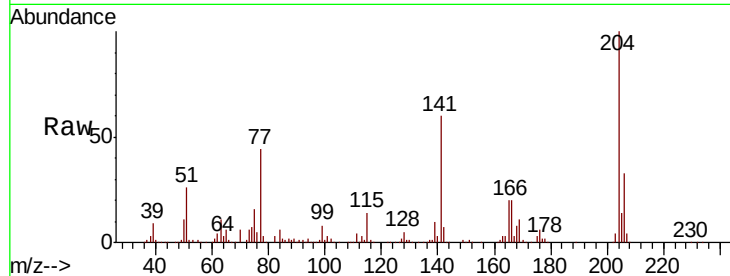




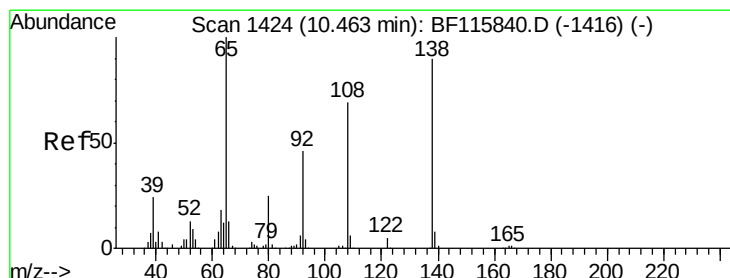
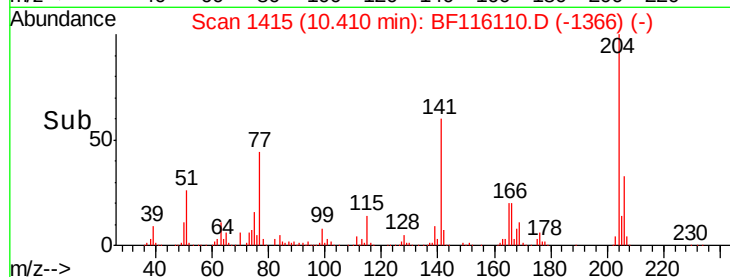
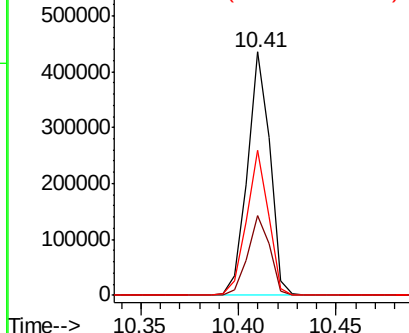
#61
 4-Chlorophenyl-phenylether
 Concen: 43.796 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF116110.D
 Acq: 9 Aug 2019 13:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.4	39.6
141	59.5	46.4	69.6

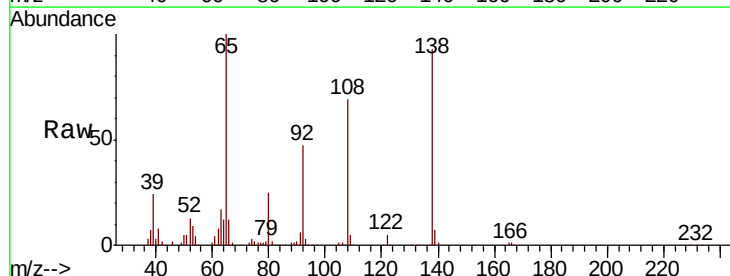


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

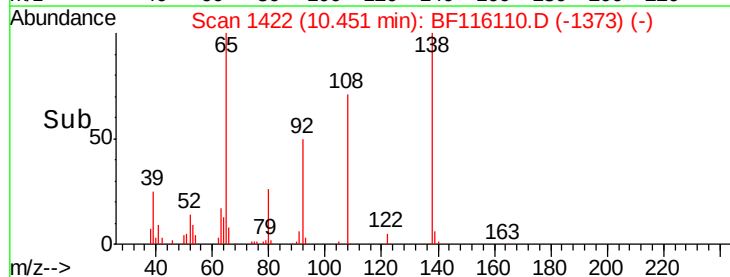
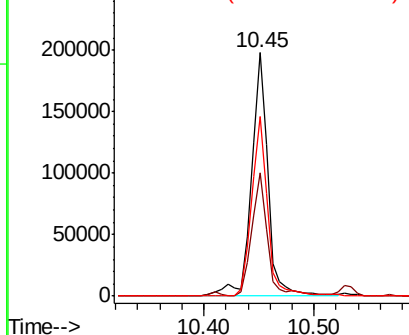


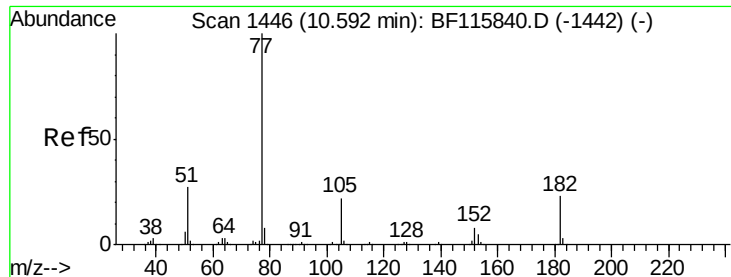
#62
 4-Nitroaniline
 Concen: 41.553 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF116110.D
 Acq: 9 Aug 2019 13:52

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.4	29.0	69.0
108	74.0	54.7	94.7



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E

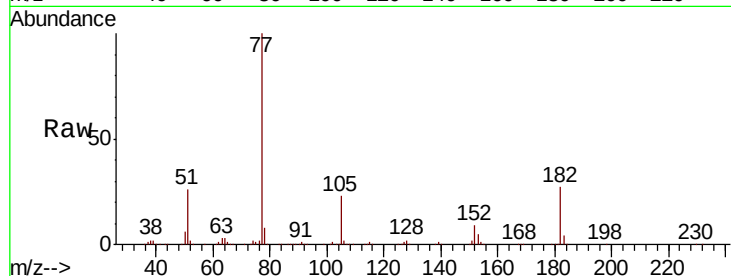




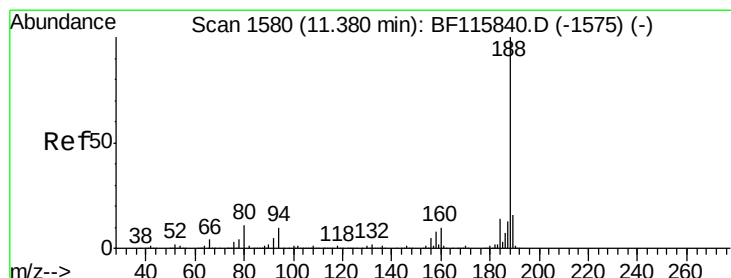
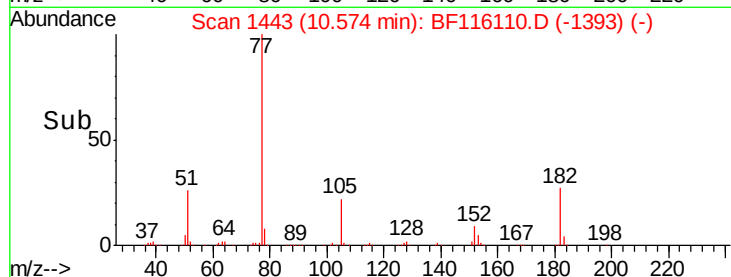
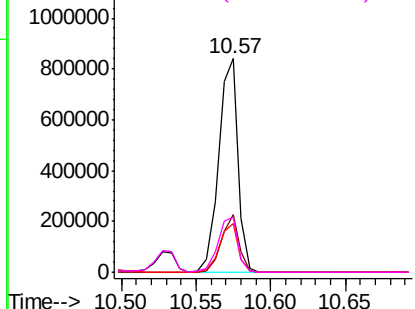
#63
Azobenzene
Concen: 43.750 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	760983
Ion	Ratio	Lower	Upper
77	100		
182	26.7	4.0	44.0
105	22.6	2.0	42.0
51	26.0	7.5	47.5

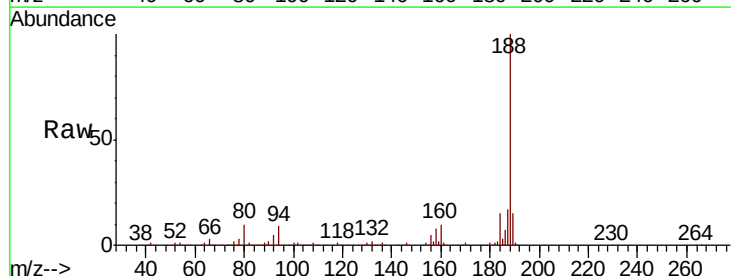


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

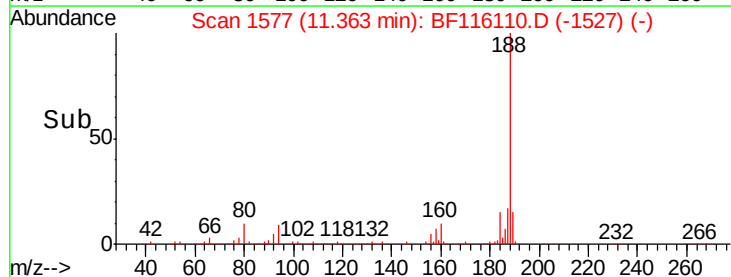
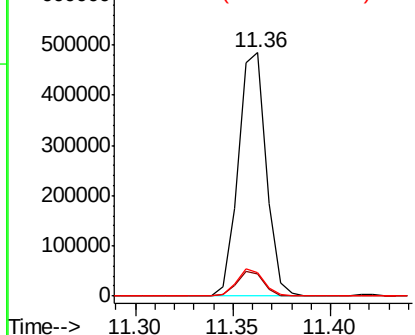


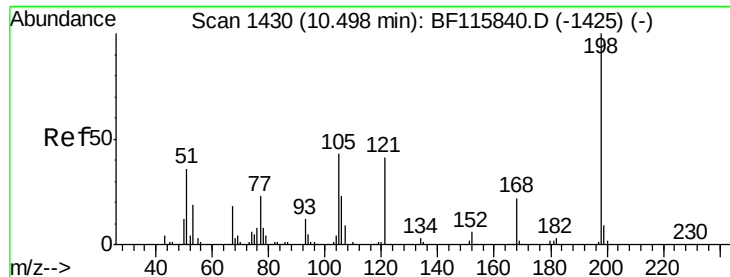
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion:	188	Resp:	481913
Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.1	12.1
80	9.7	8.7	13.1



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

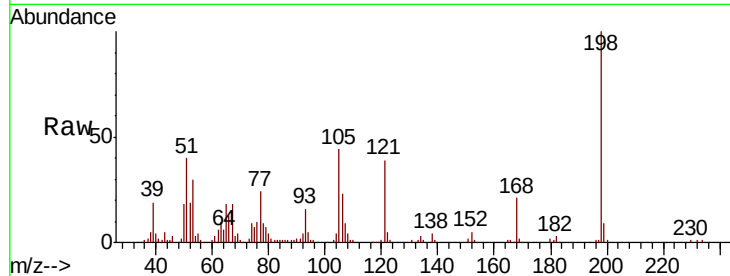




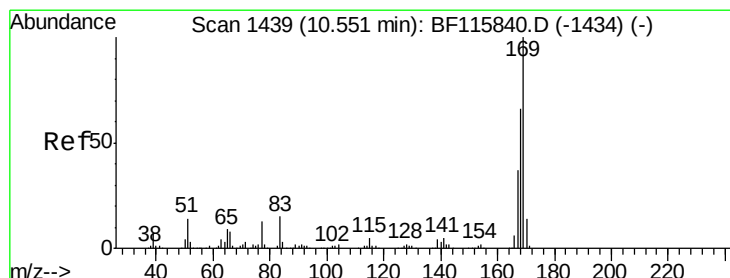
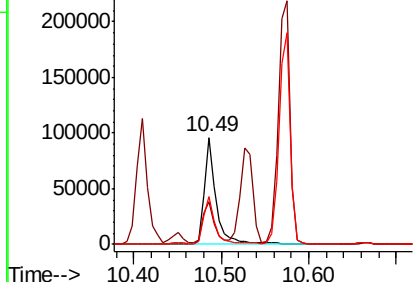
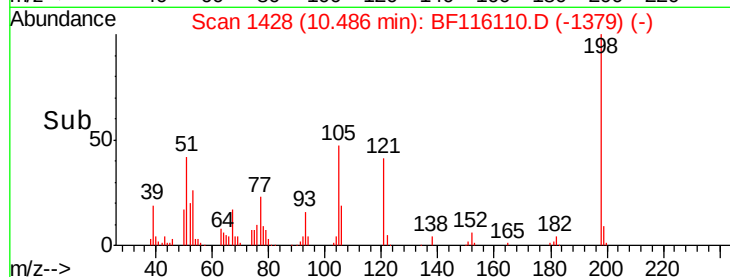
#65
 4,6-Dinitro-2-methylphenol
 Concen: 35.437 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF116110.D
 Acq: 9 Aug 2019 13:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	198	Resp	90500
Ion Ratio	100	Lower	Upper
51	40.5	17.0	57.0
105	44.2	21.6	61.6

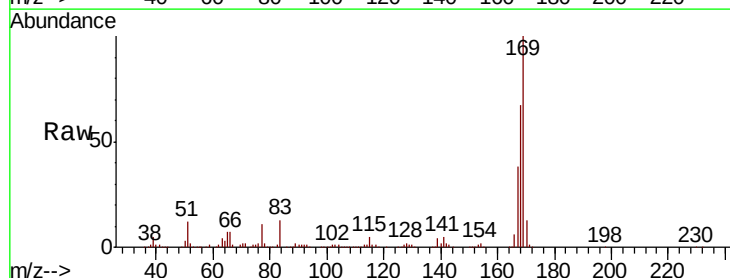


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

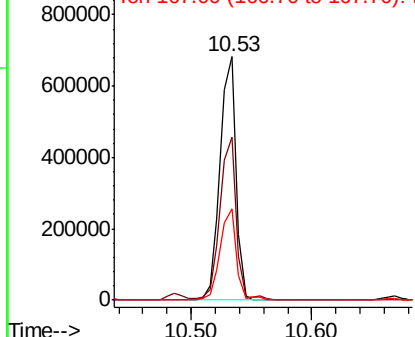
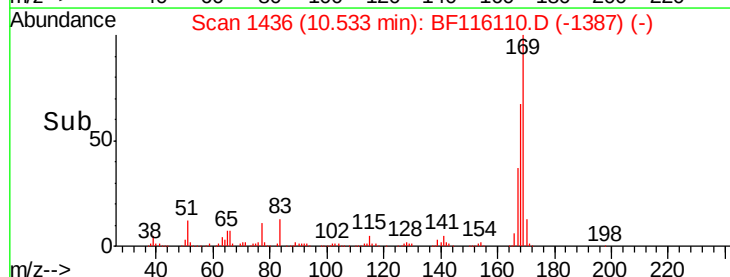


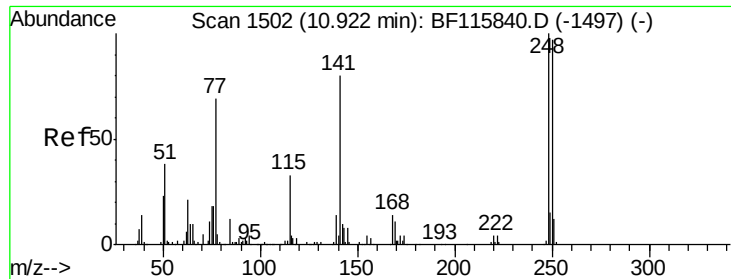
#66
 n-Nitrosodiphenylamine
 Concen: 42.718 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF116110.D
 Acq: 9 Aug 2019 13:52

Tgt Ion	169	Resp	619627
Ion Ratio	100	Lower	Upper
168	67.1	53.8	80.6
167	37.5	29.6	44.4



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

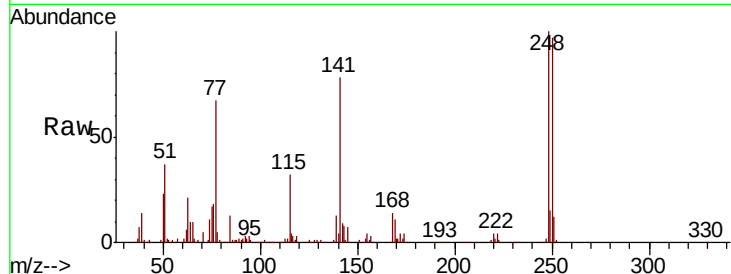




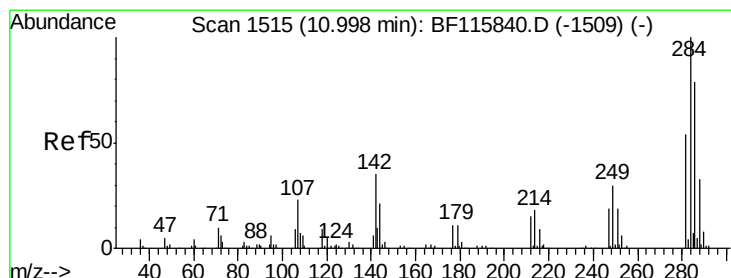
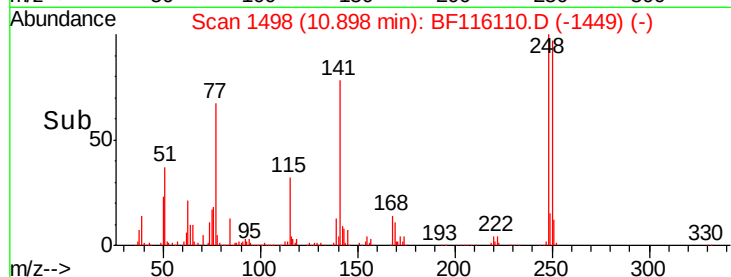
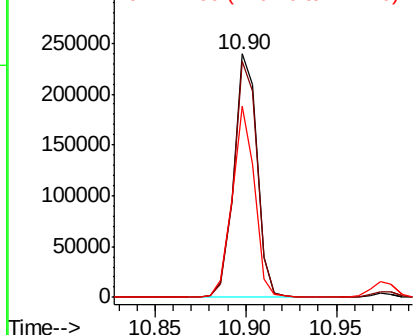
#67
4-Bromophenyl-phenylether
Concen: 41.590 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 214557
Ion Ratio Lower Upper
248 100
250 96.8 77.4 116.2
141 78.4 56.8 85.2

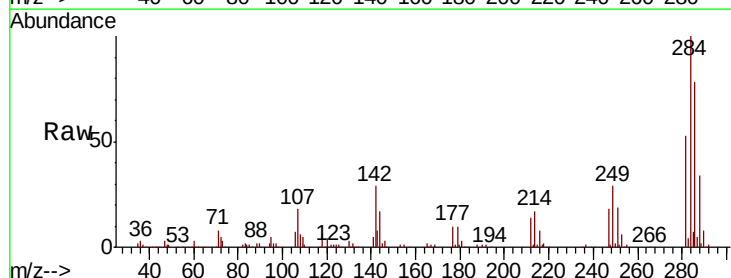


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

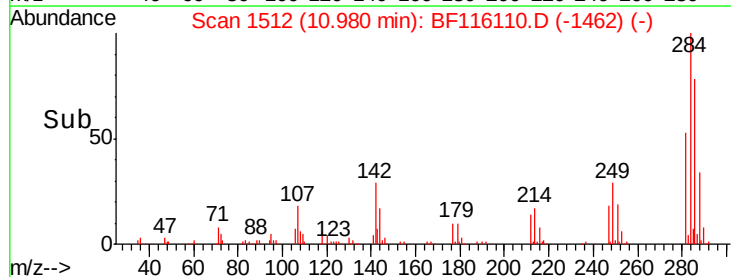
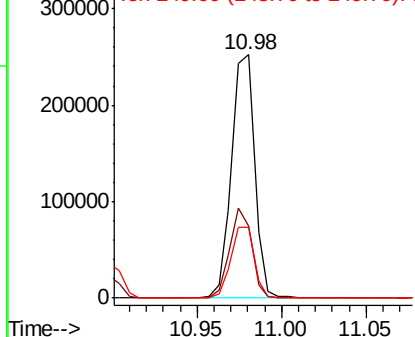


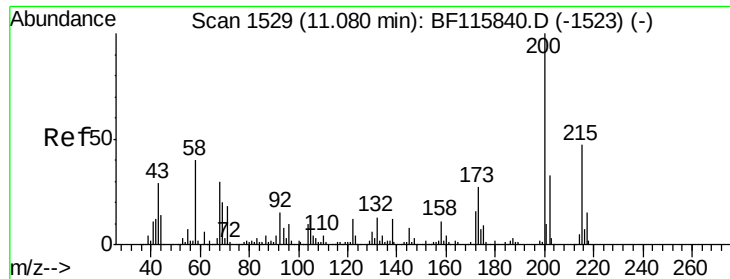
#68
Hexachlorobenzene
Concen: 40.338 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion:284 Resp: 240631
Ion Ratio Lower Upper
284 100
142 29.4 28.4 42.6
249 29.3 24.5 36.7



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 43.472 ng

RT: 11.06 min Scan# 1525

Delta R.T. -0.01 min

Lab File: BF116110.D

Acq: 9 Aug 2019 13:52

Instrument :

BNA_F

ClientSampled :

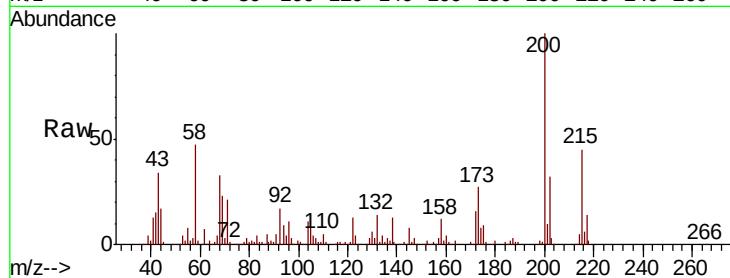
Tot Ion:200 Resp: 207446

Ion Ratio Lower Upper

200 100

173 27.1 6.8 46.8

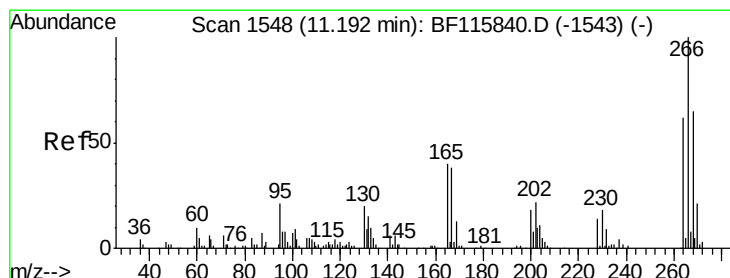
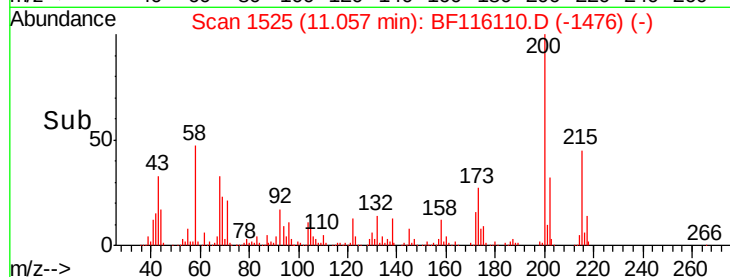
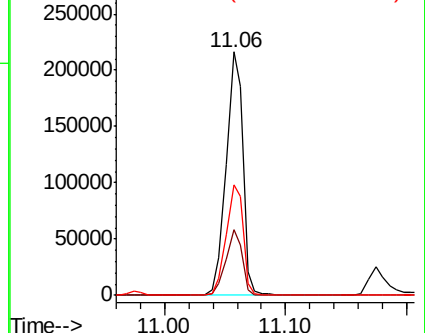
215 45.3 27.5 67.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 61.002 ng

RT: 11.17 min Scan# 1545

Delta R.T. -0.01 min

Lab File: BF116110.D

Acq: 9 Aug 2019 13:52

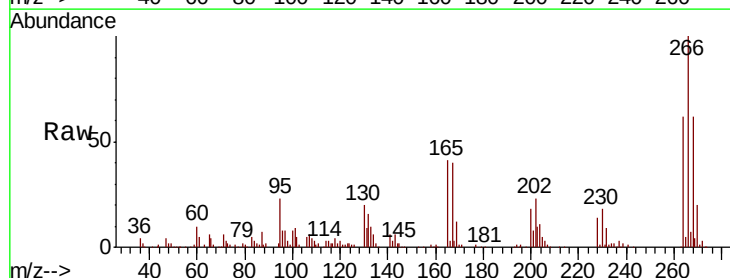
Tgt Ion:266 Resp: 176673

Ion Ratio Lower Upper

266 100

268 62.3 48.8 73.2

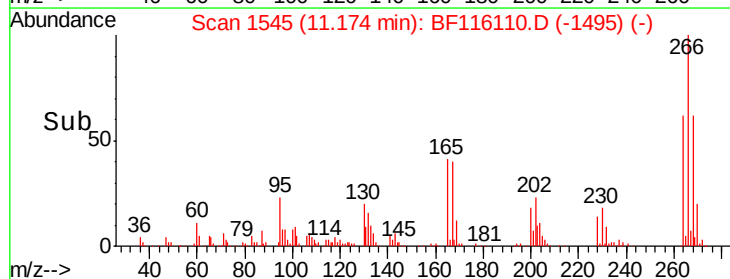
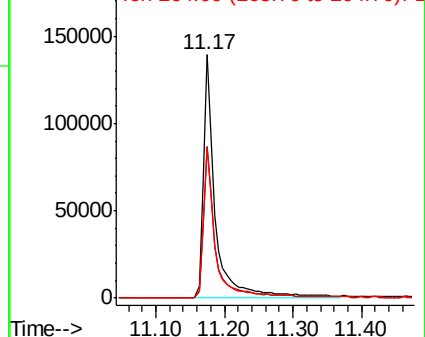
264 62.3 50.6 76.0

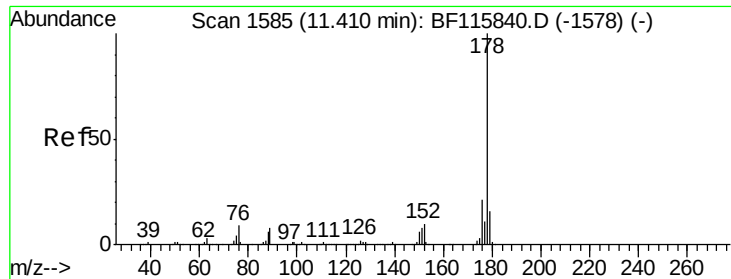


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

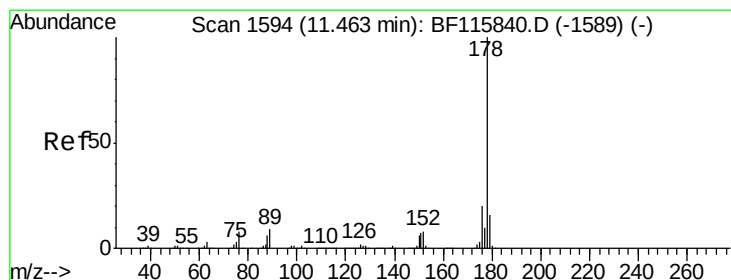
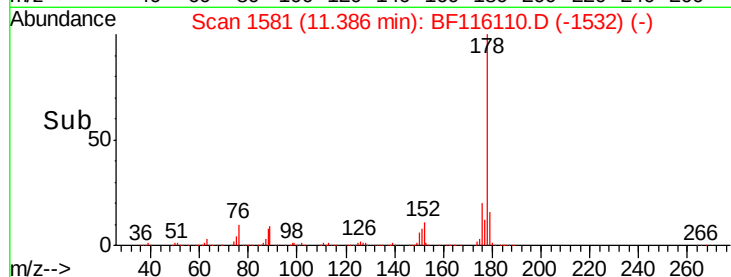
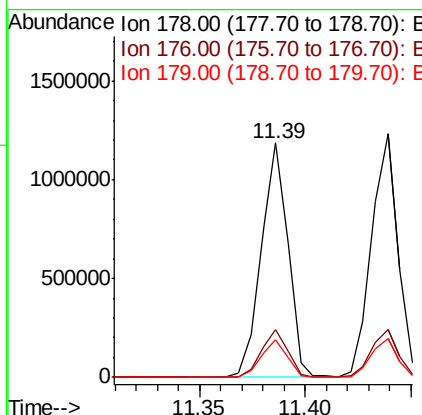
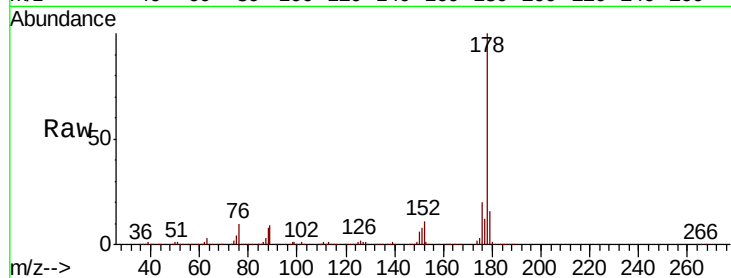




#71
Phenanthrene
Concen: 42.438 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

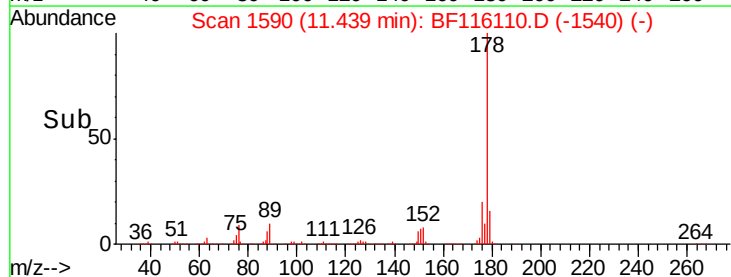
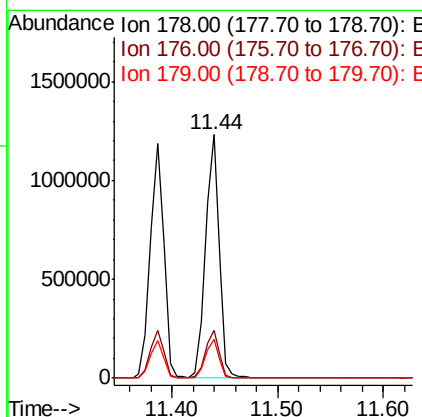
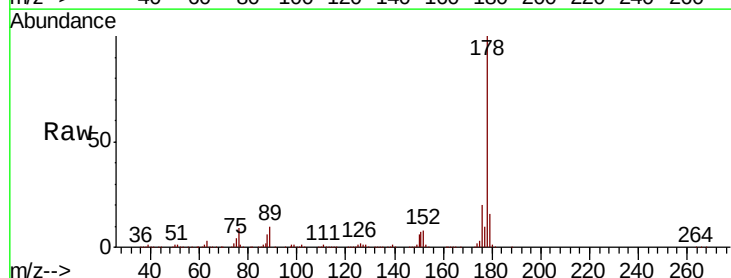
Instrument :
BNA_F
ClientSampleId :

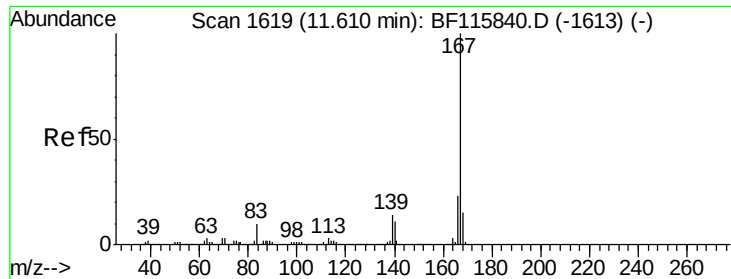
Tot Ion:178 Resp: 1045521
Ion Ratio Lower Upper
178 100
176 20.4 16.6 24.8
179 16.0 12.5 18.7



#72
Anthracene
Concen: 43.904 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion:178 Resp: 1094661
Ion Ratio Lower Upper
178 100
176 19.8 15.7 23.5
179 15.9 13.0 19.6

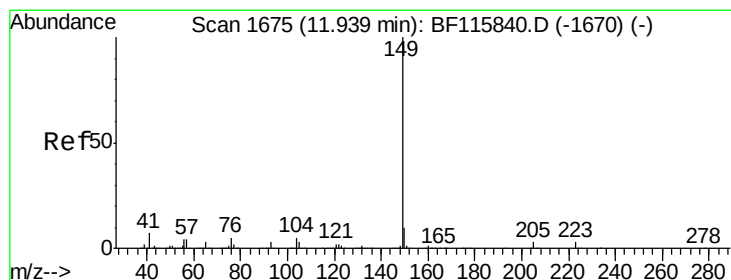
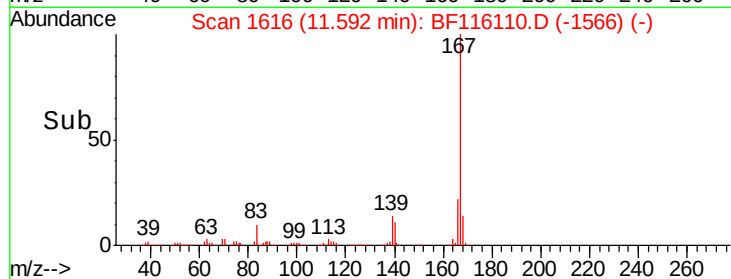
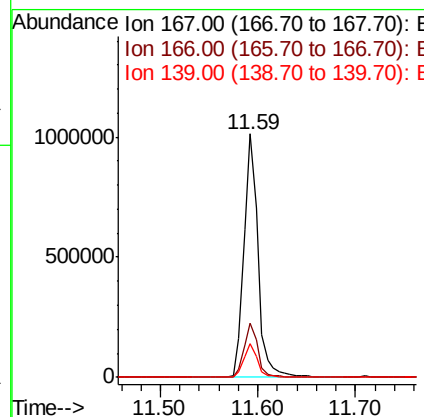
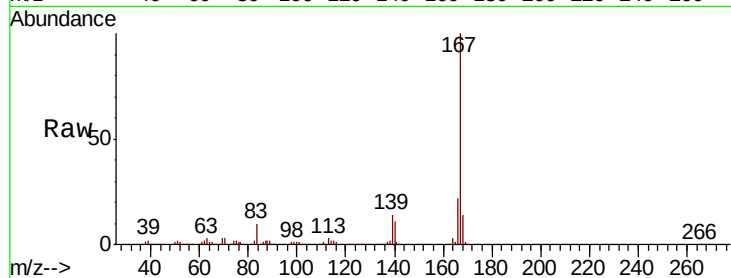




#73
 Carbazole
 Concen: 44.978 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF116110.D
 Acq: 9 Aug 2019 13:52

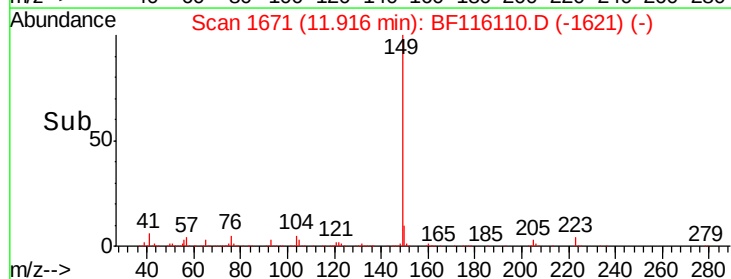
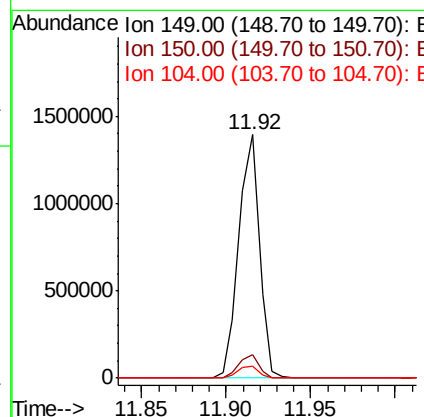
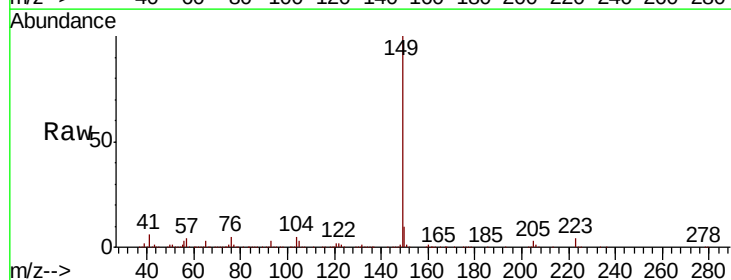
Instrument :
 BNA_F
 ClientSampleId :

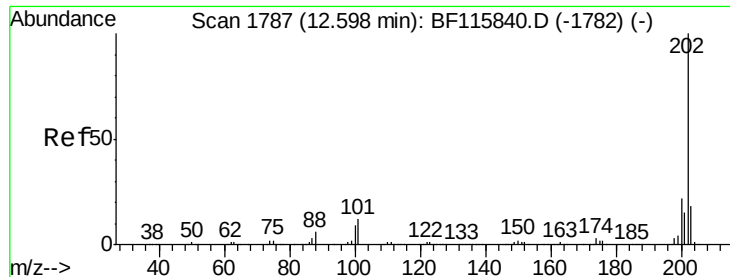
Tot Ion:167 Resp: 1017420
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.8 26.6
 139 13.8 11.4 17.0



#74
 Di-n-butylphthalate
 Concen: 45.245 ng
 RT: 11.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BF116110.D
 Acq: 9 Aug 2019 13:52

Tgt Ion:149 Resp: 1193921
 Ion Ratio Lower Upper
 149 100
 150 9.5 8.0 12.0
 104 5.1 4.5 6.7





#75

Fluoranthene

Concen: 44.406 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF116110.D

Acq: 9 Aug 2019 13:52

Instrument :

BNA_F

ClientSampleId :

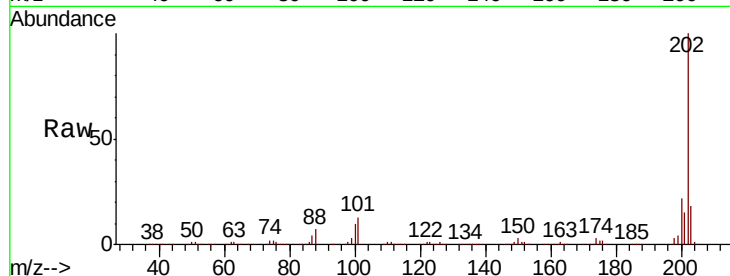
Tot Ion:202 Resp: 1145312

Ion Ratio Lower Upper

202 100

101 13.0 0.0 31.2

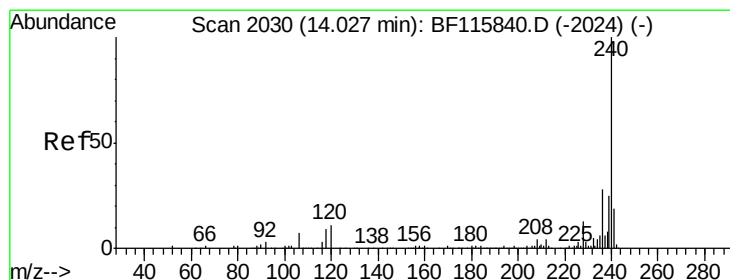
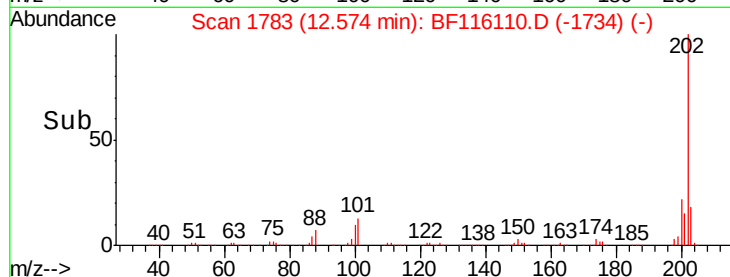
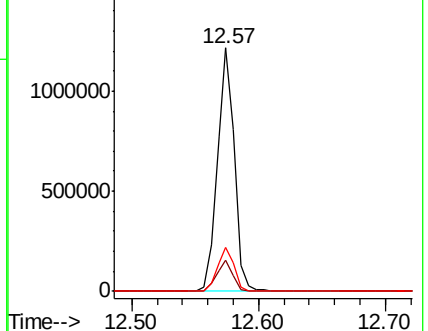
203 18.1 0.0 37.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF116110.D

Acq: 9 Aug 2019 13:52

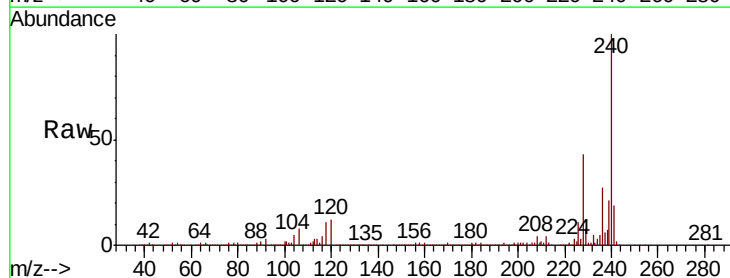
Tgt Ion:240 Resp: 351160

Ion Ratio Lower Upper

240 100

120 12.4 10.7 16.1

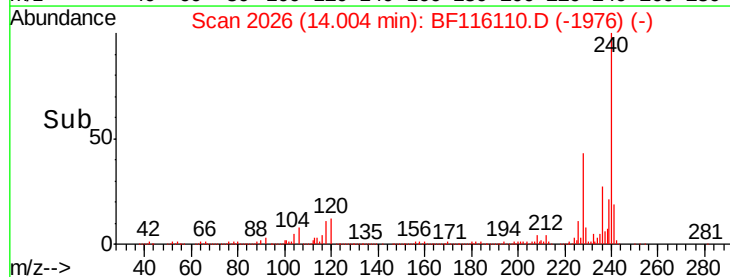
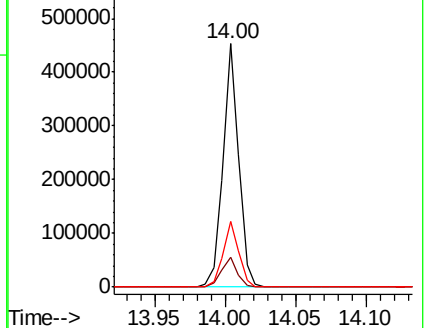
236 26.8 22.2 33.2

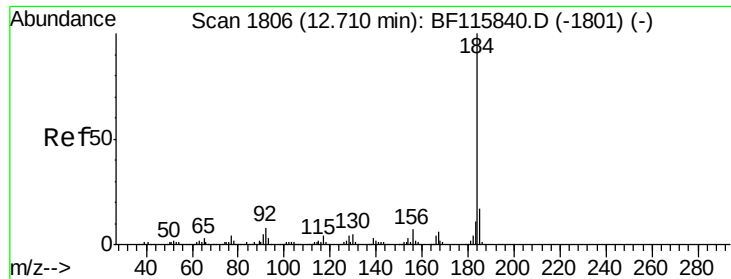


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.756 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF116110.D

Acq: 9 Aug 2019 13:52

Instrument :

BNA_F

ClientSampled :

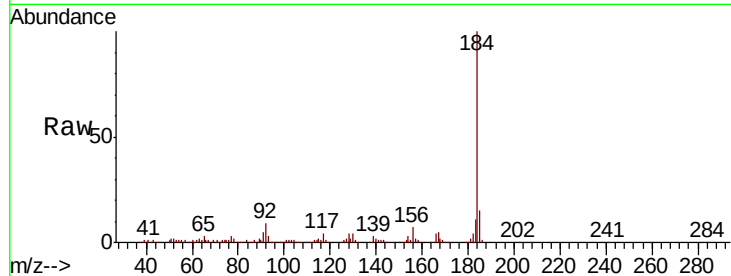
Tot Ion:184 Resp: 459784

Ion Ratio Lower Upper

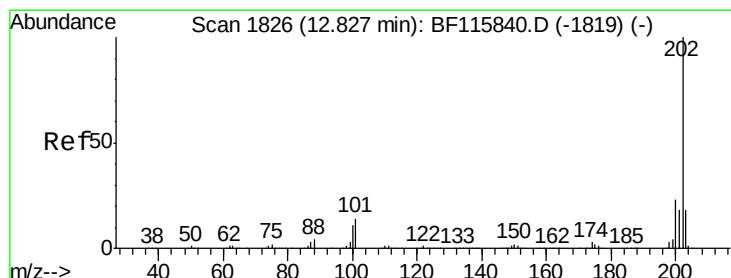
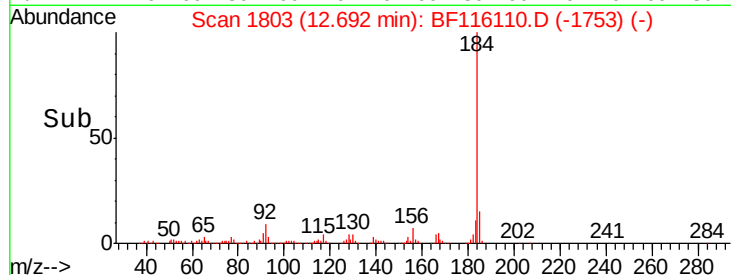
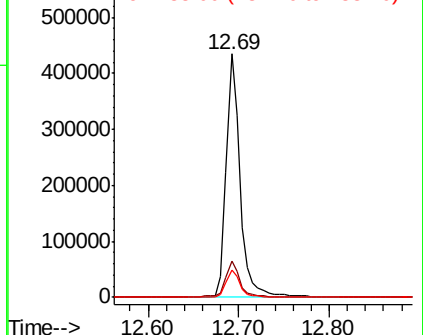
184 100

185 15.1 12.8 19.2

183 11.5 9.4 14.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.089 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF116110.D

Acq: 9 Aug 2019 13:52

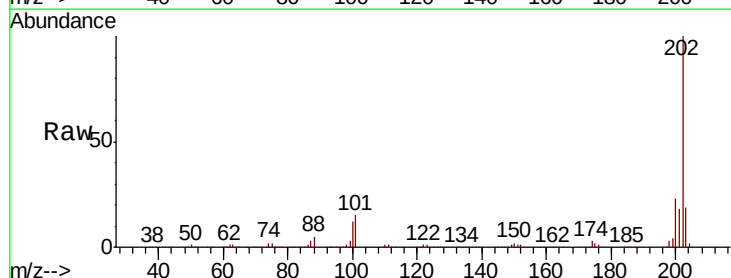
Tgt Ion:202 Resp: 1167090

Ion Ratio Lower Upper

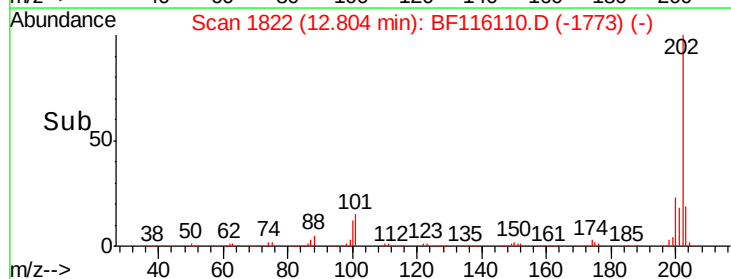
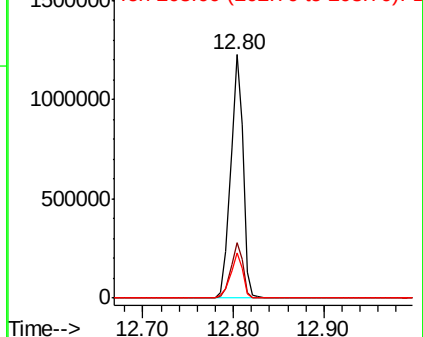
202 100

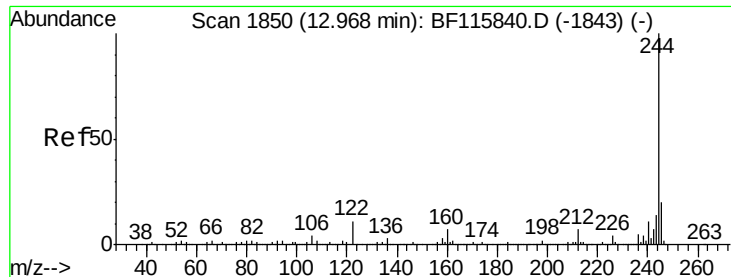
200 22.6 18.0 27.0

203 18.5 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

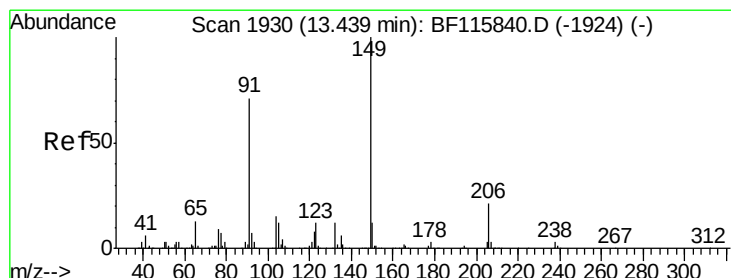
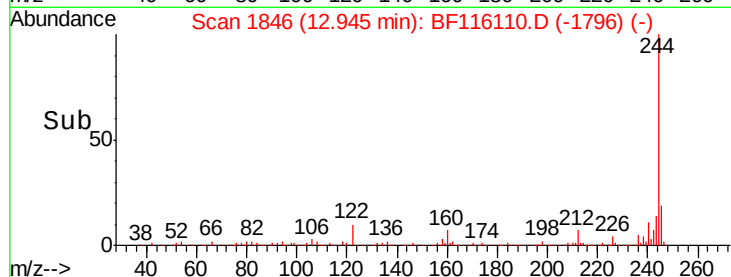
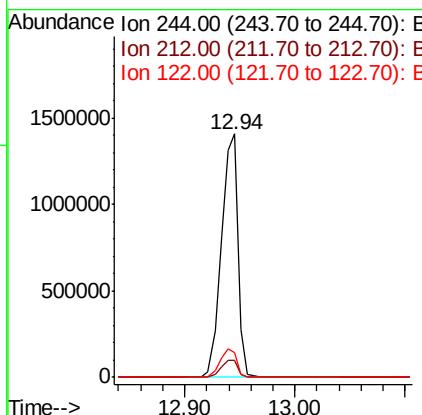
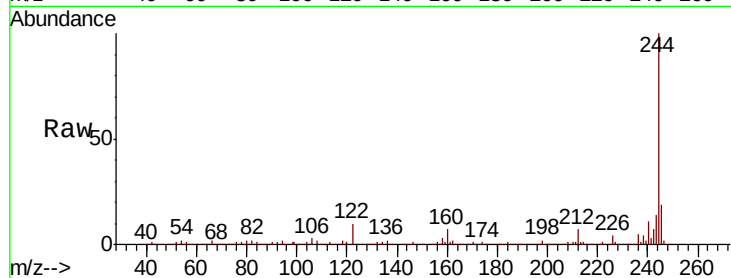




#79
 Terphenyl-d14
 Concen: 88.416 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF116110.D
 Acq: 9 Aug 2019 13:52

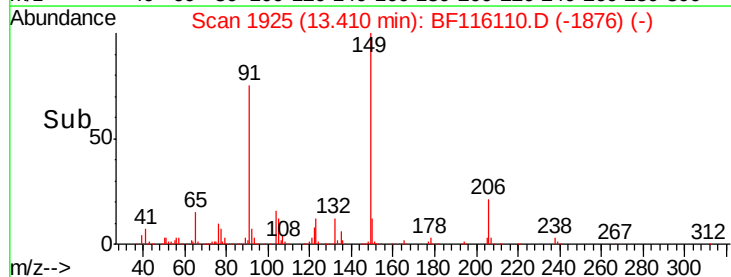
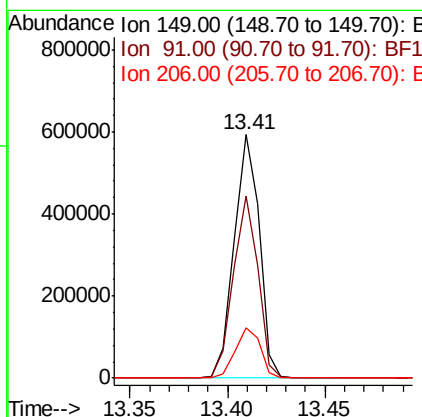
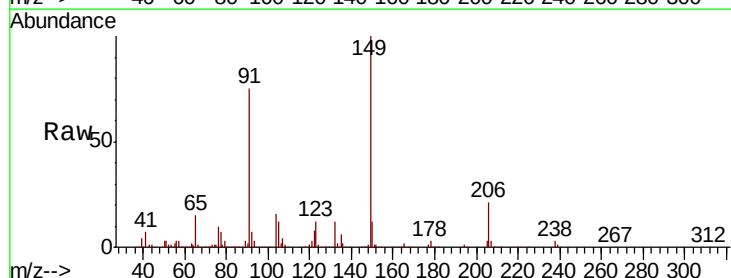
Instrument :
 BNA_F
 ClientSampleId :

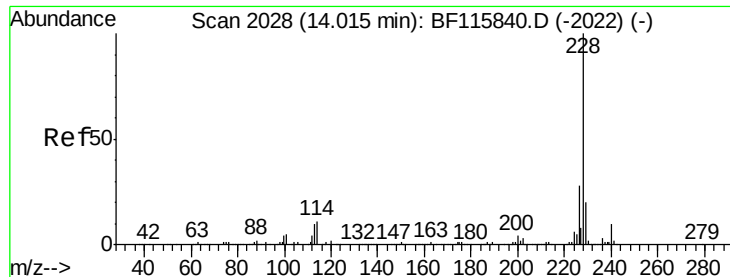
Tot Ion:244 Resp: 1473449
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 10.4 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 47.538 ng
 RT: 13.41 min Scan# 1925
 Delta R.T. -0.01 min
 Lab File: BF116110.D
 Acq: 9 Aug 2019 13:52

Tgt Ion:149 Resp: 532298
 Ion Ratio Lower Upper
 149 100
 91 75.0 56.3 84.5
 206 20.5 18.0 27.0





#81

Benzo(a)anthracene

Concen: 43.049 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF116110.D

Acq: 9 Aug 2019 13:52

Instrument :

BNA_F

ClientSampled :

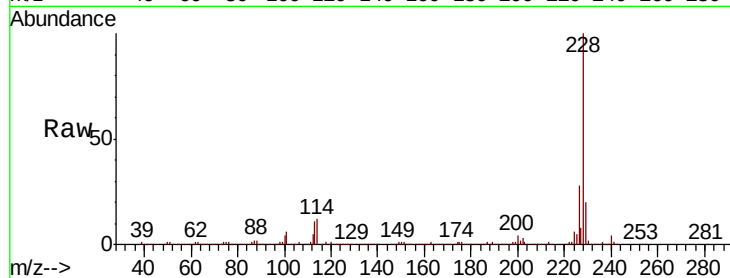
Tot Ion:228 Resp: 966231

Ion Ratio Lower Upper

228 100

226 27.8 22.7 34.1

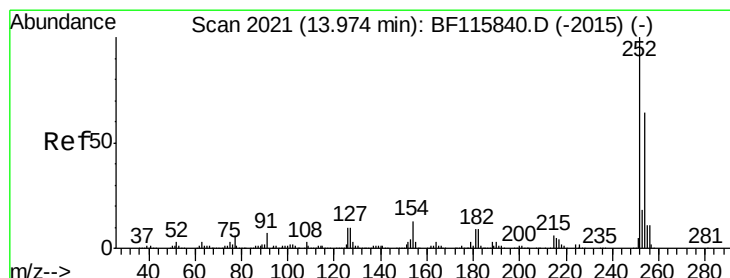
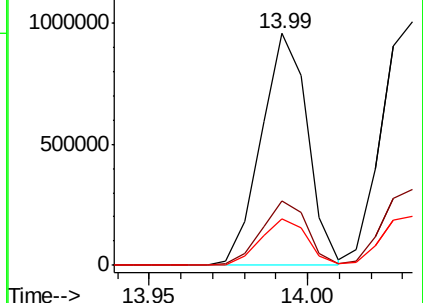
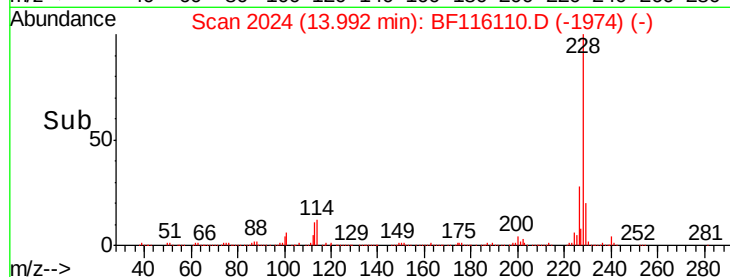
229 20.2 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 26.486 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF116110.D

Acq: 9 Aug 2019 13:52

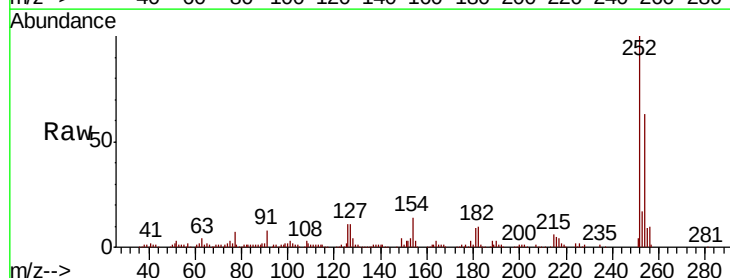
Tgt Ion:252 Resp: 206530

Ion Ratio Lower Upper

252 100

254 63.3 50.9 76.3

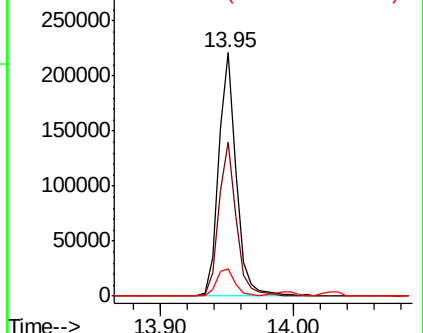
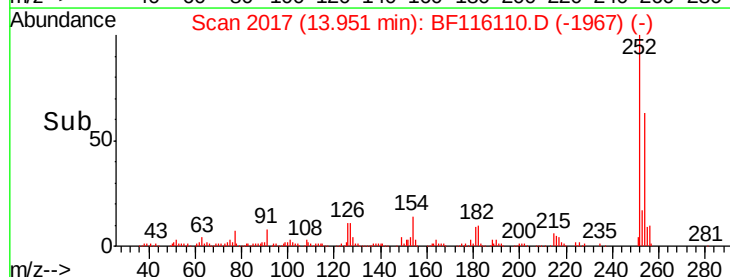
126 11.2 9.8 14.8

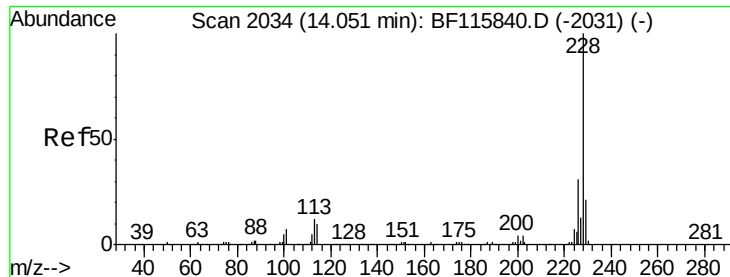


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

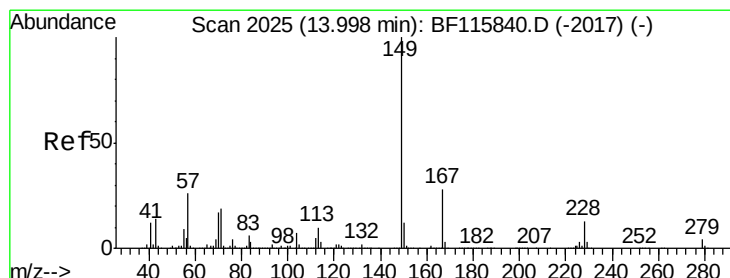
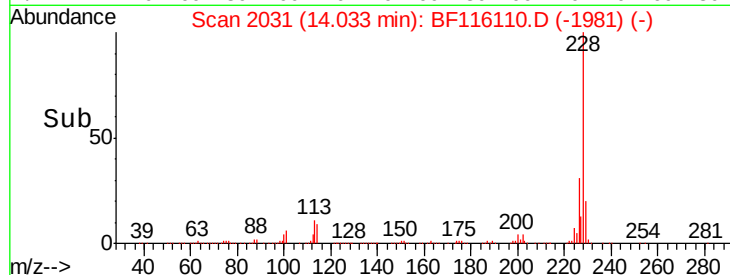
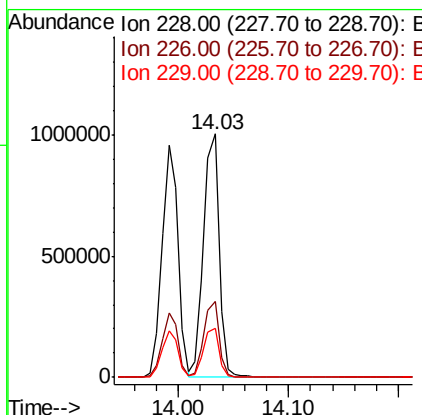
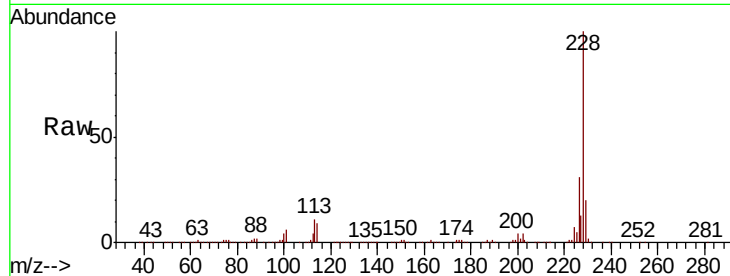




#83
 Chrysene
 Concen: 43.794 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF116110.D
 Acq: 9 Aug 2019 13:52

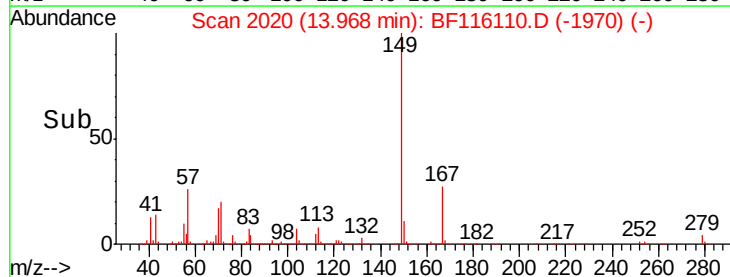
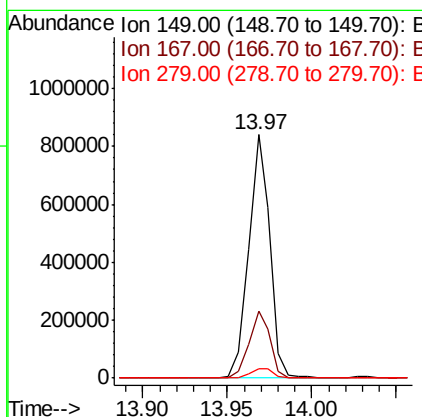
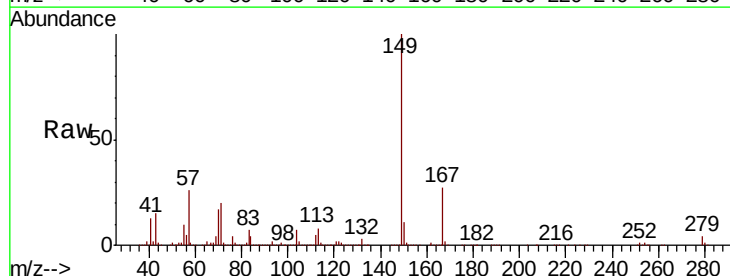
Instrument :
 BNA_F
 ClientSampleId :

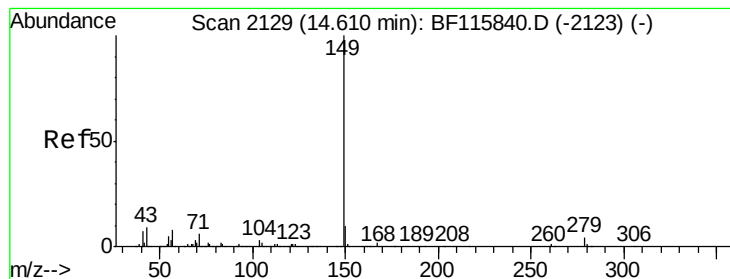
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.5	38.3
229	20.0	16.6	24.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.508 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF116110.D
 Acq: 9 Aug 2019 13:52

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.6	32.4
279	3.8	3.0	4.4





#85

Di-n-octyl phthalate

Concen: 48.859 ng

RT: 14.58 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BF116110.D

Acq: 9 Aug 2019 13:52

Instrument :

BNA_F

ClientSampleId :

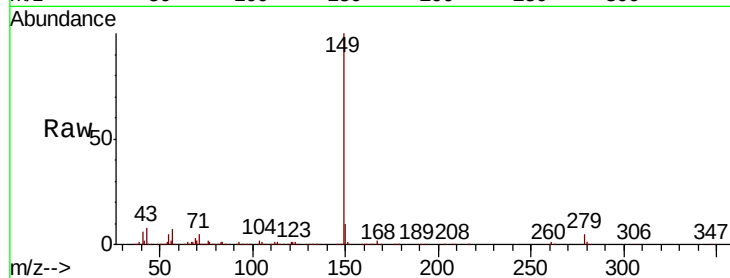
Tot Ion:149 Resp: 1129231

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

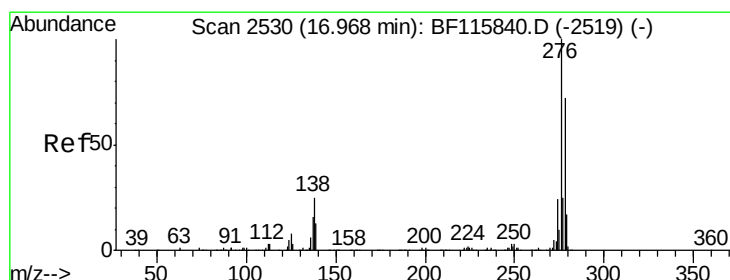
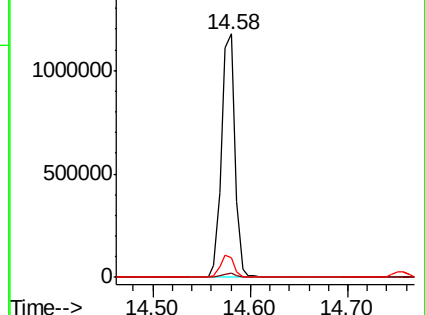
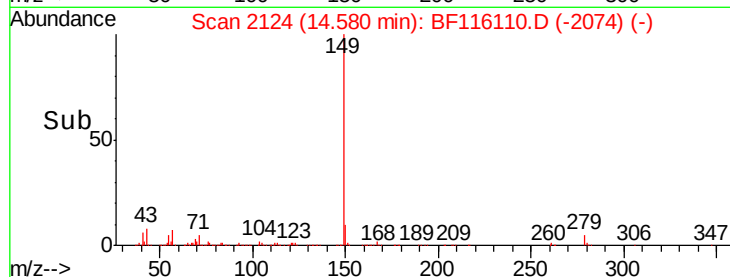
43 8.8 7.5 11.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.422 ng

RT: 16.94 min Scan# 2526

Delta R.T. -0.01 min

Lab File: BF116110.D

Acq: 9 Aug 2019 13:52

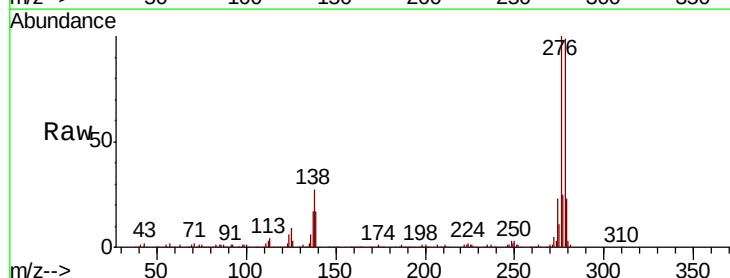
Tgt Ion:276 Resp: 831297

Ion Ratio Lower Upper

276 100

138 25.8 20.4 30.6

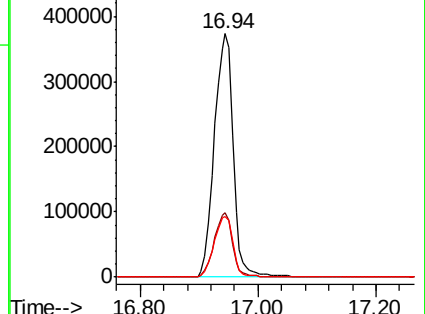
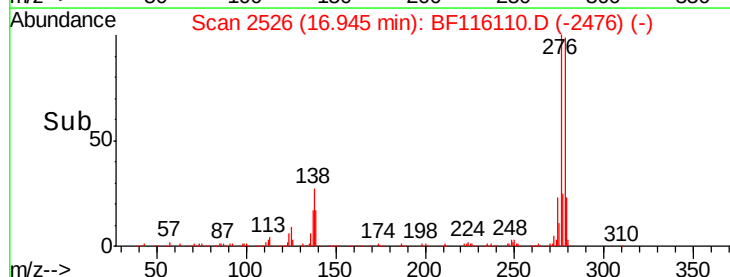
277 25.0 20.0 30.0

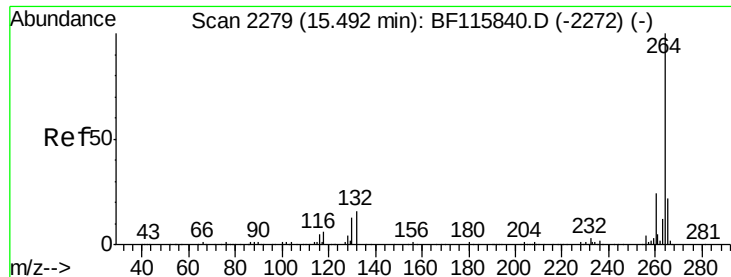


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



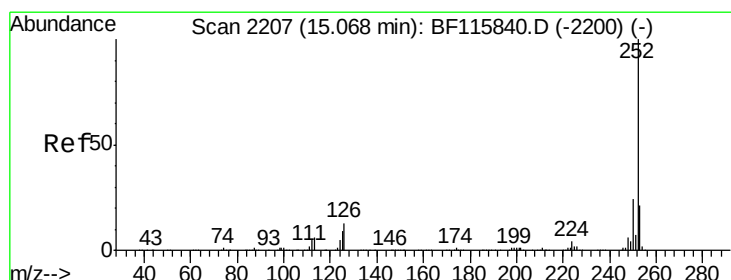
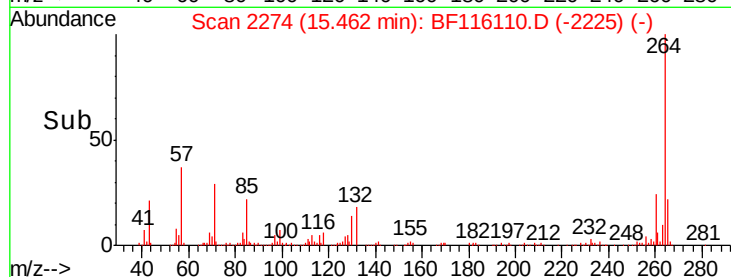
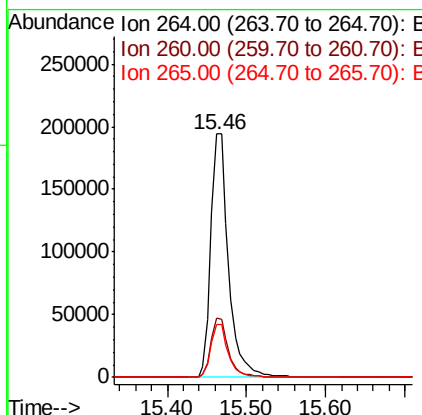
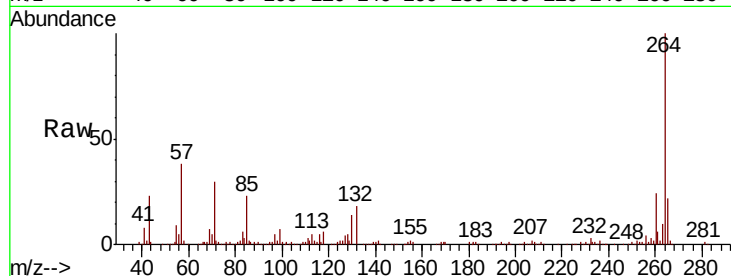


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:264 Resp: 301577

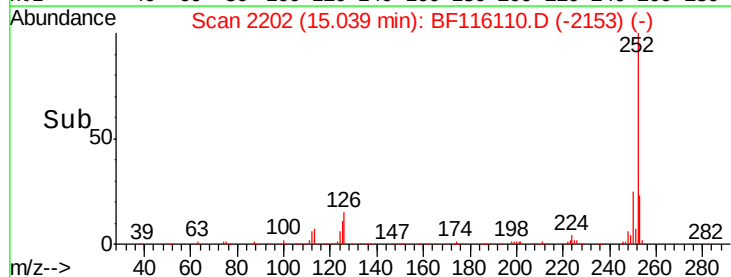
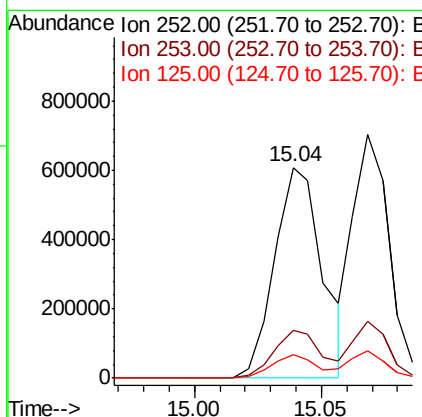
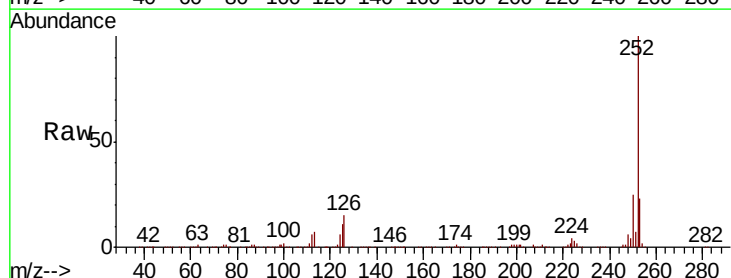
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.7	29.5
265	21.5	17.4	26.0

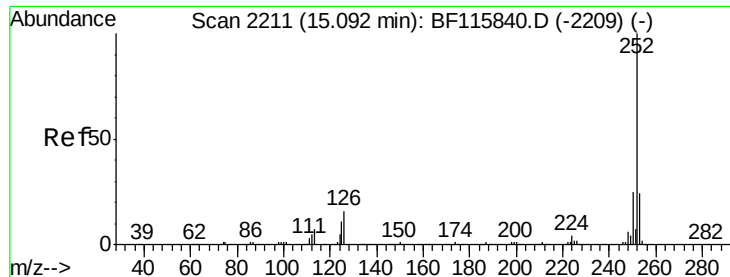


#88
Benzo(b)fluoranthene
Concen: 45.878 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion:252 Resp: 799994

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	11.4	8.4	12.6

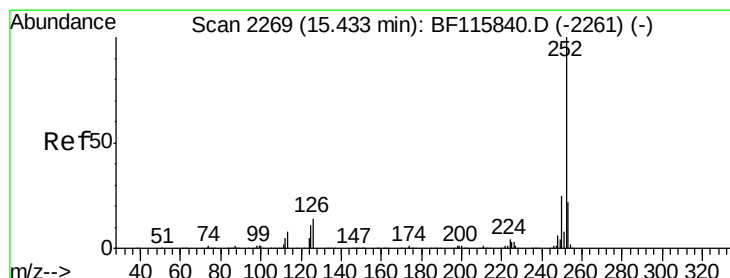
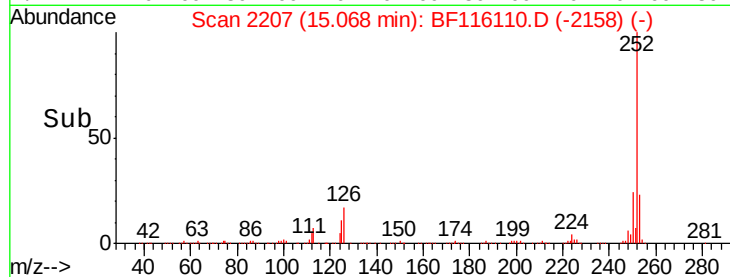
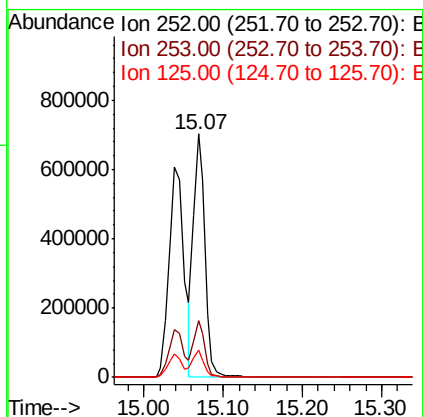
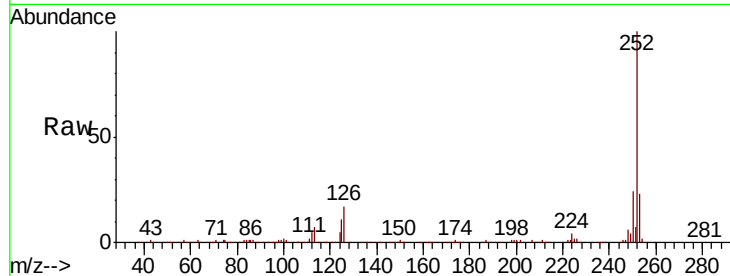




#89
Benzo(k)fluoranthene
Concen: 42.215 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

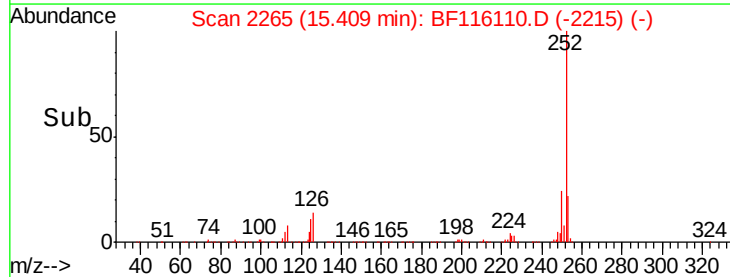
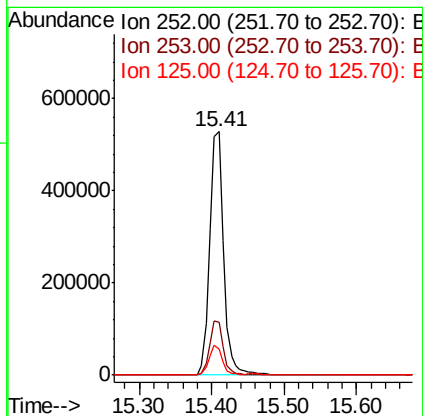
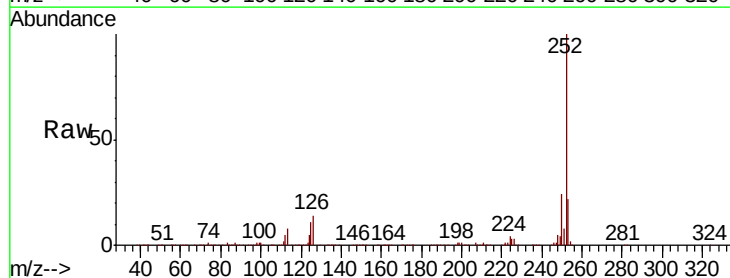
Instrument :
BNA_F
ClientSampleId :

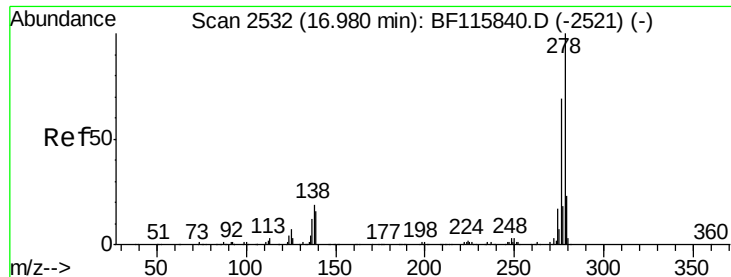
Tot Ion:252 Resp: 716989
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.8
125 11.1 7.7 11.5



#90
Benzo(a)pyrene
Concen: 45.635 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF116110.D
Acq: 9 Aug 2019 13:52

Tgt Ion:252 Resp: 711355
Ion Ratio Lower Upper
252 100
253 21.7 18.0 27.0
125 10.9 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 51.396 ng

RT: 16.94 min Scan# 2526

Delta R.T. -0.01 min

Lab File: BF116110.D

Acq: 9 Aug 2019 13:52

Instrument :

BNA_F

ClientSampleId :

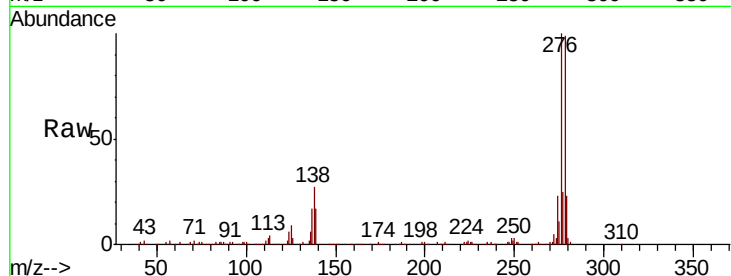
Tot Ion:278 Resp: 693484

Ion Ratio Lower Upper

278 100

139 17.2 12.8 19.2

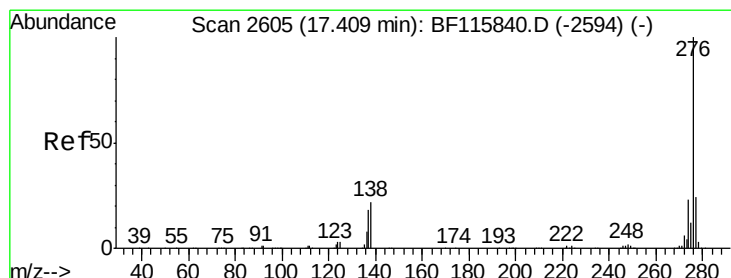
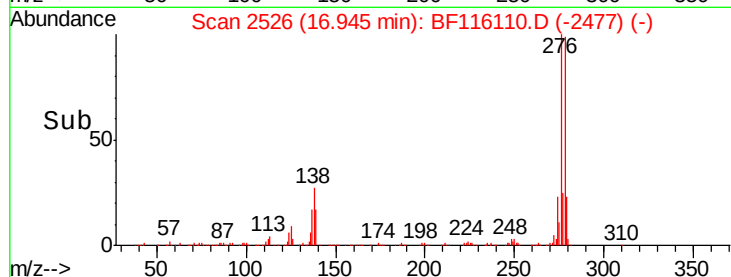
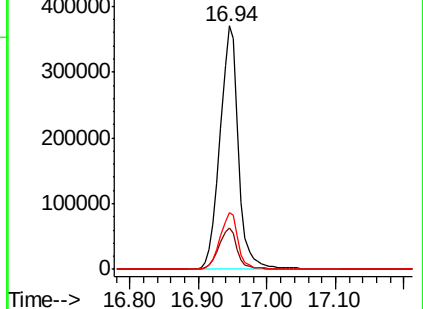
279 23.5 18.8 28.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 54.627 ng

RT: 17.39 min Scan# 2601

Delta R.T. -0.00 min

Lab File: BF116110.D

Acq: 9 Aug 2019 13:52

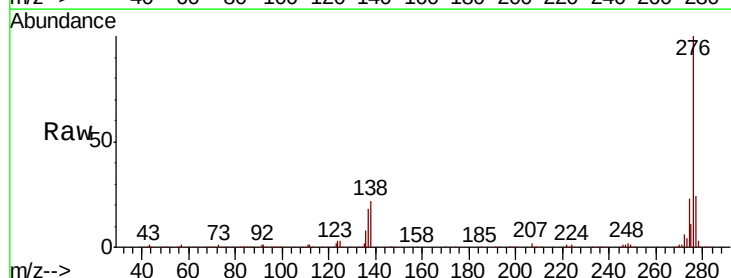
Tgt Ion:276 Resp: 723879

Ion Ratio Lower Upper

276 100

277 23.8 18.4 27.6

138 22.1 17.0 25.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

